

# 2019

AFTERMARKET  
DEALER CATALOG



LIPPERT  
COMPONENTS®



**GIVING BACK**  
TO THE COMMUNITIES IN WHICH WE LIVE  
**100,000**  
HOURS OF COMMUNITY SERVICE

IN 2017, LCI COMMITTED TO  
**100,000 HOURS OF  
COMMUNITY SERVICE**  
AS A CORE OBJECTIVE.

WE MET OUR GOAL AND  
PLEGGED ANOTHER  
**100,000 HOURS OF  
COMMUNITY SERVICE**  
FOR 2018.



What began as one company's quest to give back to the community has become a platform and a movement to help others connect with local nonprofits that need volunteers.

Acts of Service is a web-based resource that makes it easy for individuals and companies of all sizes, to give back by connecting with local nonprofits.

Log on to [ActsOfService.com](http://ActsOfService.com) to find a volunteer opportunity with a local nonprofit that fits your passion and your schedule. Simply click on the calendar and make a difference!

**AoS Nonprofit**

*"Acts of Service has been an incredible blessing to LoveWay and our riders. Their servant hearts are crucial to the success of our therapeutic riding program and our continual efforts to provide impeccable services to the special needs community."*

- Shelley Becker,  
Executive Director LoveWay

**AoS Volunteer**

*"For me, volunteering is a passion and because of Acts of Service, I get to be involved in so many other impactful events and moments that I would have never known about."*

- Ana Schue

**AoS Corporate Partner**

*"Welch Packaging is honored to partner with the Acts of Service movement. We look forward to working with them to make Elkhart a great place to work and live."*

- Scott Welch,  
President of Welch Packaging

TRANSFORMED COMMUNITY





## THANK YOU

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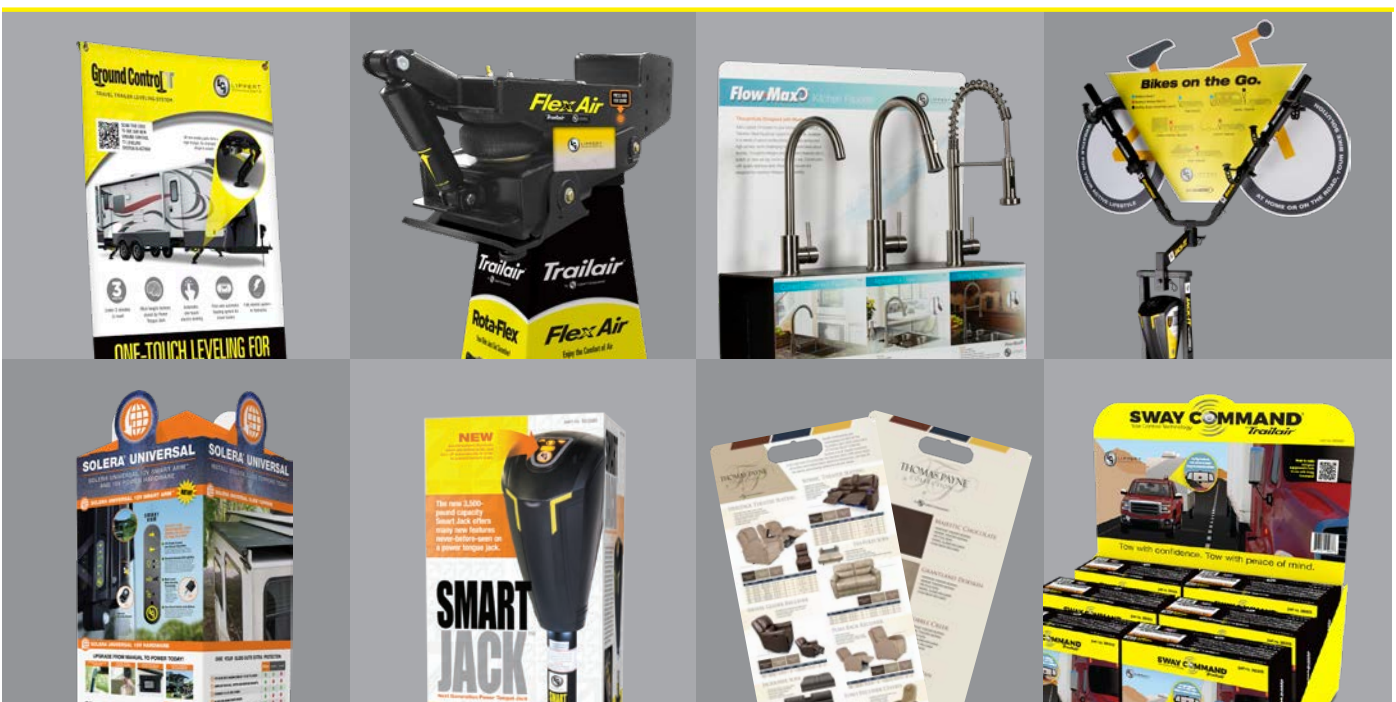
LCI's workforce of 10,000-strong would like to thank our dealer partners for their continued loyalty and support.

Our people, our products and our partners are the driving forces behind our business, helping push our operations to new heights, challenging standards and encouraging innovation.

**THANK YOU FOR SHARING THE JOURNEY WITH US.**



# WE MAKE IT EASY. YOU MAKE THE SALE.



PROFIT PROGRAMS | IN-STORE MARKETING | RETAIL PACKAGING | DISPLAYS | PLANOGRAMS

Lippert Components gives you the personal attention and marketing support you deserve with must-have products, value-added profit programs and comprehensive marketing and sales support. We give you all the tools you need to make products fly off the shelves!

*See 2019 Merchandising Catalog for details.*

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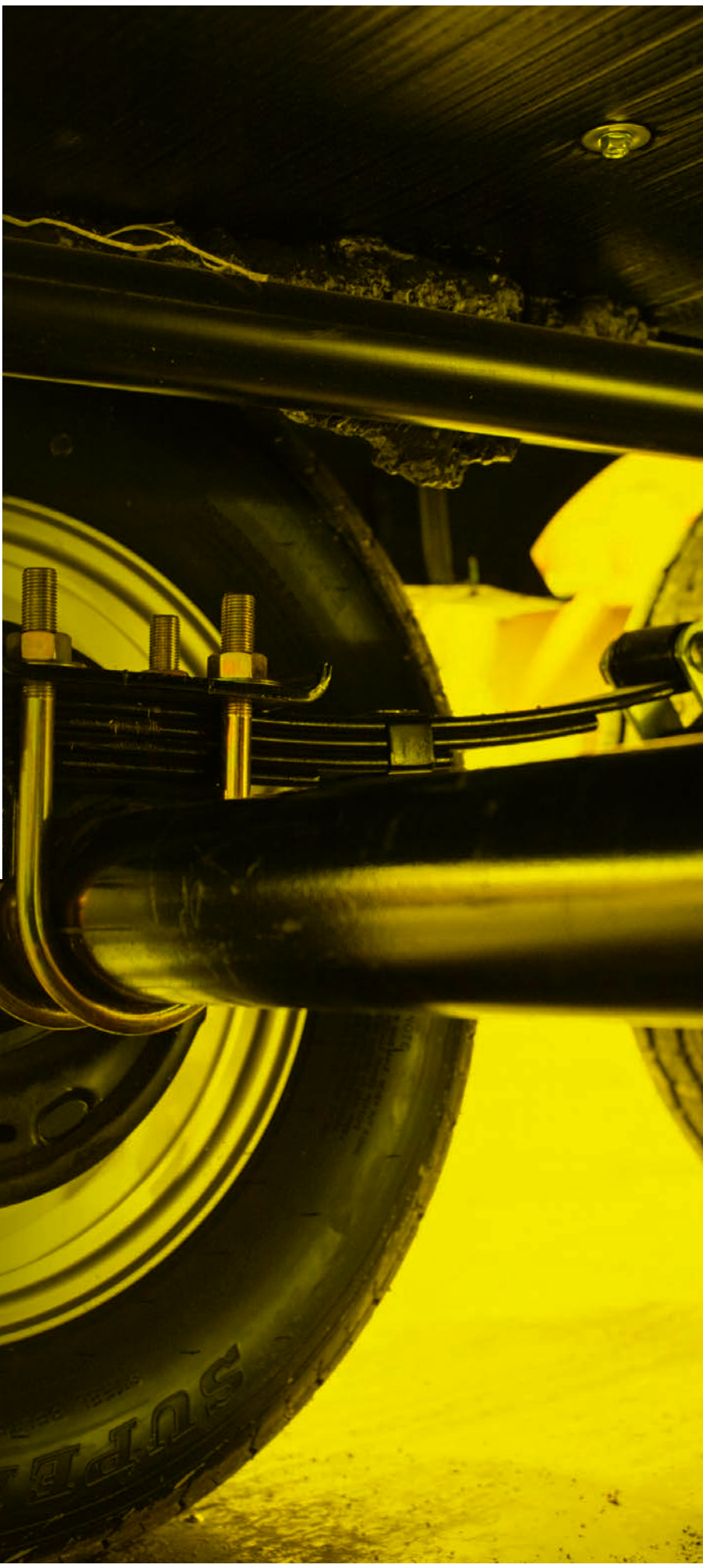
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**ONECONTROL**

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# ALIGNMENT/ SUSPENSION/ AXLES



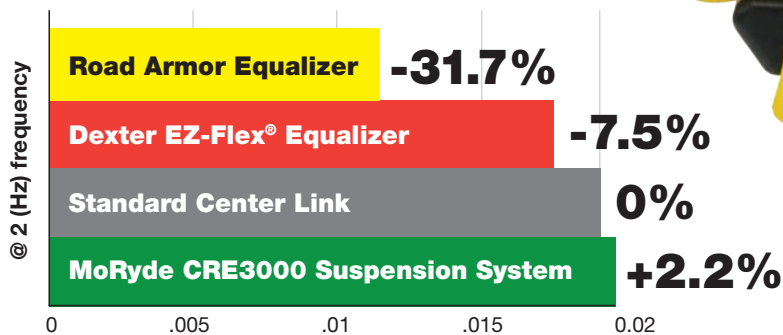
# 360 DEGREES OF PROTECTION

Introducing the Road Armor™ Shock Absorbing Equalizer, the latest ride enhancing product brought to you by Lippert Components. Built on our legendary Trailair® anti-shock technology, the patent pending Road Armor Equalizer is the first of its kind to dampen road shock and vibrations transferred from both the leading and trailing trailer axle leaf springs.



## Road Armor Equalizer Frame Chatter Testing Results

During a test run, Road Armor decreased chatter by 31.7%



### FEATURES

- Includes greasable bronze bushings
- Upgraded spray-coating on all fasteners to match automotive specifications
- Easy aftermarket upgrade
- Great substitution for torsion axles
- Available in tandem and triple applications

part no.	description
696740	Road Armor Tandem Axle
696744	Road Armor Triple Axle (Short)
696749	Road Armor Triple Axle (Long)

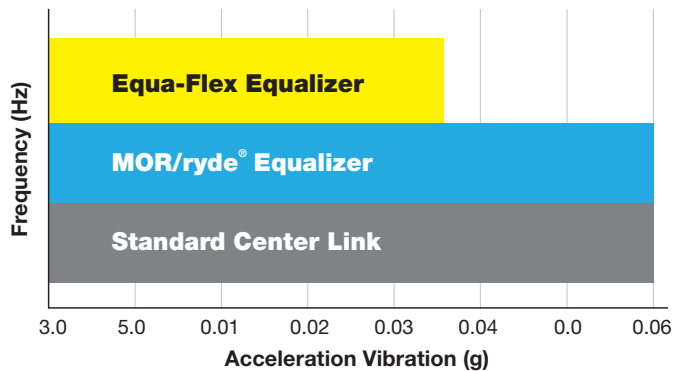
**EQUA-FLEX®** \_ RUBBERIZED EQUALIZER

# equa-flex®

The patented Equa-Flex rubberized equalizer absorbs road shock like a sponge instead of transferring it to the RV and cargo, preventing damage that can be caused by a bumpy ride. Equa-Flex also reduces fore-to-aft movement, often referred to as “chucking,” to provide a smooth, comfortable ride. Equa-Flex also scored a 7.5 out of 10 in independent testing, compared to 5.0 by the leading competitor.



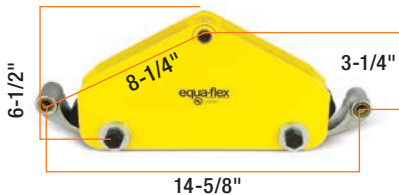
## Equa-Flex Equalizer Frame Chatter Testing Results



Equa-Flex reduces frame acceleration by 40% at 15-40Hz compared to both MOR/ryde and a standard non-ride enhanced suspension.

part no.	description
279687	Equa-Flex; Tandem Axle; 4K-6K
279688	Equa-Flex; Tandem Axle; 6-8K
314336	Equa-Flex; Spread Tandem Axle; 5.2K
281314	Equa-Flex; Triple Axle; 3K-6K
279689	Equa-Flex; Triple Axle; 5K-8K

**5,200-lb Capacity**  
314336 **Tandem Spread Axle**



**Under 6,000-lb Capacities**

279687 **Tandem Application**  
281314 **Triple Application**



**Over 6,000-lb Capacities**

279688 **Tandem Application**  
279689 **Triple Application**



**CENTER POINT®\_ AIR RIDE SUSPENSION SYSTEM**



The Center Point® Air Ride Suspension System absorbs impact caused by road shock and provides a smoother ride and optimum brake efficiency. It's easy to install and dramatically improves passenger comfort and reduces side-to-side trailer sway.

**FEATURES**

- Easy installation for any tandem or triple spring axle configuration
- Center Point's airbag absorbs road shock and vibrations from both axles simultaneously
- Dampens road shock more effectively than torsion axles
- Protects your RV and cargo by absorbing road shock
- Dramatically improves braking distance in panic stops
- Improves the overall ride and reduces driver fatigue



\*Shocks not included with kit.



5-5-1/4"

**Air Suspension Unit**



**Each kit comes complete with mounting hardware**

part no.	description
1565391	Center Point Air Ride Suspension; Tandem Axle (3 Boxes)
1565401	Center Point Air Ride Suspension; Triple Axle (7 Boxes)

\*Call for individual replacement parts

**SHOCK MOUNT KITS**

**Complete Shock Mount Kits**

Instantly improve your customer's suspension with our complete shock mounting kits. Shocks help to manage axle spring movement to provide a smoother, more comfortable ride. Complete mounting kits for 2-3/8" and 3" axle tubes available as well as single replacement shocks. Shock installation requires 4" of clearance between tire and frame.



**Heavy-duty gas shock**  
8.625" compressed length  
13.5" extended length



**Standard oil shock**  
7.5" compressed length  
12" extended length

part no.	description
281281	Shock Mount Kit; 3" Axle Tube
281255	Shock Mount Kit; 2-3/8" Axle Tube
283271	Standard Replacement Shock (Black)
283280	Heavy-Duty Replacement Shock (Yellow)

**NEVER FAIL™\_ BUSHINGS**

Never Fail Spring and Shackle Bushings are maintenance-free, permanently lubricated and guaranteed to never fail. Never Fail Bushings are significantly less expensive and more durable than wet bolts with bronze bushings that become worn over time.



### Actual Never Fail Bushing with 100,000 miles



### Never Fail Bushing Replacement Kits

Replace your old, worn-out bushings with our Never Fail Bushing kits in convenient single, tandem and triple axle retail packages.

part no.	description
279684	Never Fail Bushings Single Axle Kit
2796841	Never Fail Bushings Single Axle Kit (French)
279685	Never Fail Bushings Double Axle Kit
2796851	Never Fail Bushings Double Axle Kit (French)
279686	Never Fail Bushings Triple Axle Kit
2796861	Never Fail Bushings Triple Axle Kit (French)
281285	Never Fail Shackle, Bolt & Bushing Upgrade Kit; Double Axle
281288	Never Fail Shackle, Bolt & Bushing Upgrade Kit; Triple Axle



### Never Fail Shackle, Bolt & Bushing Kits

Our Never Fail Shackle, Bolt & Bushing kits come complete with all the hardware you need to replace your standard running gear kit. Replace today and forget about bushing maintenance forever.

## SPRING AXLES

# REDEFINING "STANDARD"

With more than 500,000 square feet of total manufacturing space on the east, west & Texas coasts, LCI can meet any axle challenge in the RV, marine, horse and cargo trailer markets. Our robotic welders ensure the highest precision on our spindles, spring seats, torsion arms and torsion brackets. Every axle assembly is traceable down to the exact production run and original component lot number.



### LIMITED 1 YEAR WARRANTY - GREASE AND OIL SEALS FOR ALL AXLES

#### FEATURES

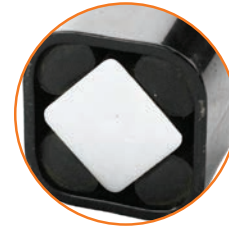
- 2,000–16,000-pound spring axle capacity
- 2,000–7,000-pound spring idler axles
- CSA certification on all 2,000–7,000-pound axles
- Integrated, one-piece spindle flange
- Complete axle assembly and component traceability and serialization
- Single, tandem or triple axle assemblies with standard or upgraded equalized suspension available
- Straight or drop spindles
- Slipper or double eye leaf spring suspension
- Rust-prohibitive powder-coated axle tubing
- Waterproof connections on all electrical wiring
- Electric, hydraulic free-backing and hydraulic disc brakes available
- Forward Self-Adjusting Brakes available on 3.5–10K
- Super lube hubs and bearing lubrication option (standard on 8K spring axle)



## TORSION AXLES

### FEATURES

- 2,000–8,000-pound torsion axle capacity (square bolt orientation)
- 2,000–7,000-pound torsion axle capacity (diamond bolt orientation)
- 2,000–7,000-pound torsion idler axle capacity
- Rubberized torsion beam for a quiet, smooth ride
- Require less maintenance than spring axles
- Torsion bar absorbs road shock and vibrations
- Square and diamond orientation available
- Various starting angles to control trailer height
- Independent wheel suspension
- CSA certification on all 2,000–7,000-pound capacity axles
- Complete axle assembly and component traceability and serialization on all axles
- Single and tandem axle assemblies with standard or upgraded equalized suspension available
- Rust-prohibitive powder-coated axle tubing
- Waterproof connections on all electrical wiring
- Electric, hydraulic free-backing and hydraulic disc brakes available
- Forward Self-Adjusting Brakes available on 3.5–10K
- Super lube hubs and bearing lubrication option



Diamond Pattern

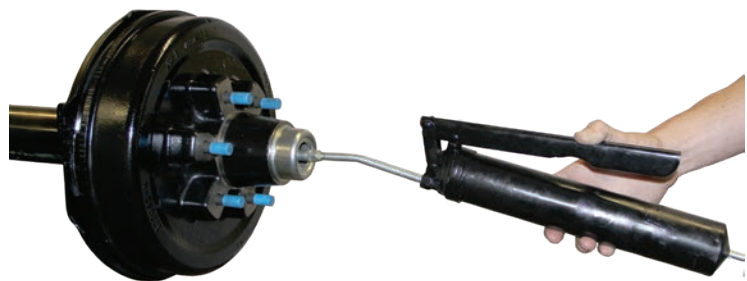


Square Pattern

### LIMITED 1 YEAR WARRANTY – GREASE AND OIL SEALS FOR ALL AXLES

### SUPER LUBE ADVANTAGES:

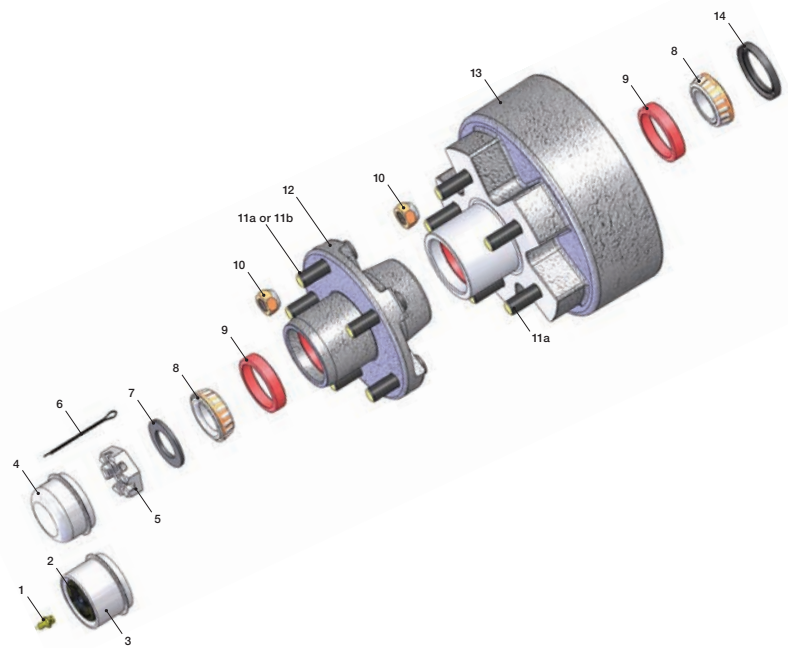
- Time-saving lubrication system requires no disassembly of wheels or hubs
- Makes changing grease easier and cleaner
- Super Lube system fills the entire bearing cavity with grease, allowing for complete submersion
- Grease cap with rubber plug allows easy access to grease zerk in axle spindle
- Pumping new grease through zerk purges old grease for a complete repack
- Better long-term protection than standard hubs



**AXLE REPLACEMENT PARTS\_2K & 3.5K**

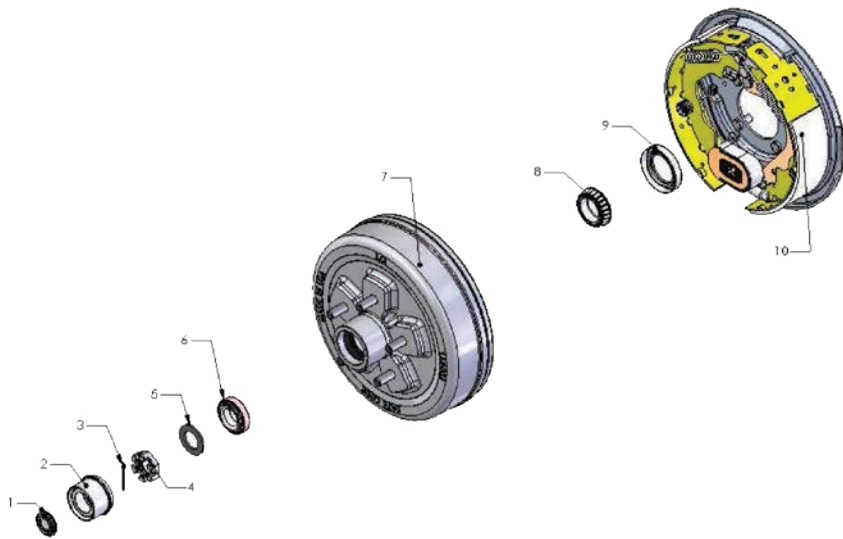
**2K Wheel End Replacements**

item	part no.	description
1	122255	Grease Zerk Lubed
2	122065	Rubber Plug Lubed
3	122067	Dust Cap Lubed
4	122099	Dust Cap Non Lubed
5	122081	Spindle Nut 1"-14
6	122075	Cotter Pin 0.120 X 1.75
7	119214	Spindle Washer 1.06 X 1.68 OD
8	122089	Outer & Inner Bearing Cone L44649
9	125102	Outer & Inner Bearing Cup L44610
10	122076	Cone Wheel Nut 1/2 - 20 60°
11a	121803	Stud, 1/2-20, 0.617 Dia. Knurl
11b	136109	Stud, 1/2-20, 0.545 Dia. Knurl
12	134332 158529 141281	Idler Hub; 5 on 4.50; 5.50" Dia. Hub Flange Idler Hub; 5 on 4.50; 6.50" Dia. Hub Flange Idler Hub; 4 on 4.00
13	134206	Brake Hub; 5 On 4.50
14	139514	Grease Seal 1.50" Shaft



**3500K Wheel End Replacements**

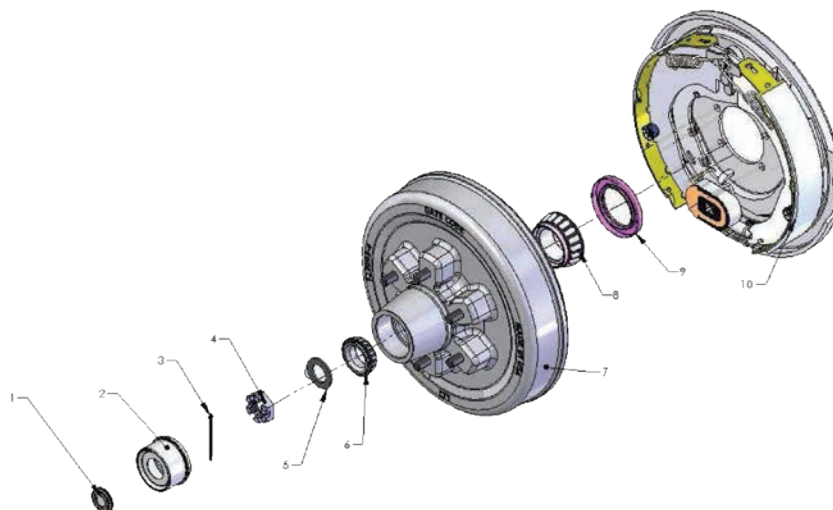
item	part no.	description
1	122065	Rubber Plug for lubed grease caps
2	122067 122099	Dust Cap; 2" bore; super lube Dust Cap; 2" bore; non-lubed
3	122075	Cotter Pin
4	122081	Spindle Nut; 6 slot
5	119214	Spindle Washer; round 1D
5a	119215	Spindle Washer; D-flat
5b	119216	Spindle Washer; locking tang
6	122089 125102	Outer Bearing Cone L44649 Outer Bearing Cup L44610
7	122460	Hub Drum w/ cups & studs 5/4.5"
8	122092 124296	Inner Bearing Cone L68149 Inner Bearing Cup L68111
9	122087	Grease Seal; Double Lip; 1.72" ID x 2.565" OD
10	122258 122450 136451 136454 136452 136453	Brake Assembly 10" x 2.25" LH Brake Assembly 10" x 2.25" RH Shoe & lining kit for (1) brake Magnet kit; green wire Spring & hardware kit for (1) brake Adjuster screw and spring kit



Use 5a/5b in place of 3 & 5 if spindle has no hole for cotter pin and has D-flat washer

**AXLE REPLACEMENT PARTS\_ 5.2K & 6K****5200K Wheel End** Replacements

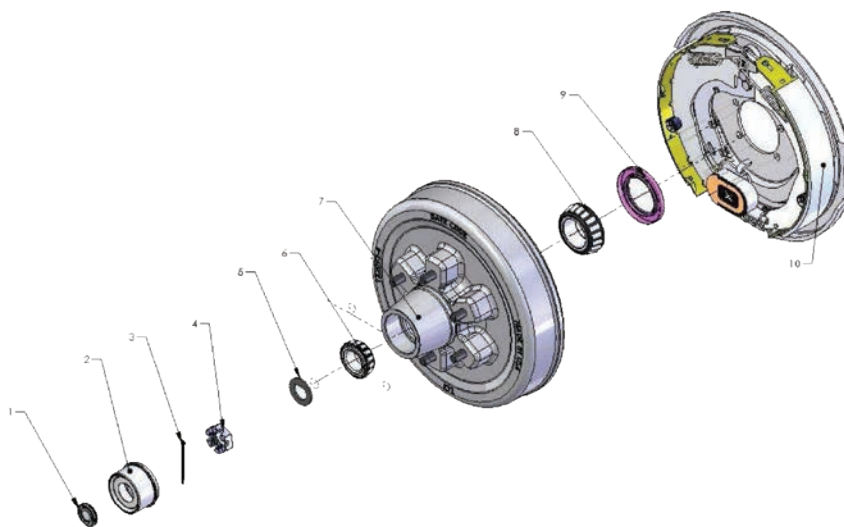
item	part no.	description
1	122065	Rubber Plug for lubed grease caps
2	122064	Dust Cap; 2.5" bore; super lube
	122071	Dust Cap; 2.5" bore; non-lubed
3	122075	Cotter Pin
4	122081	Spindle Nut; 6 slot
5	119214	Spindle Washer; round ID
5a	119215	Spindle Washer; D-flat
5b	119216	Spindle Washer; locking tang
6	122090	Outer Bearing Cone LM67048
	124292	Outer Bearing Cup LM67010
7	122463	Hub Drum w/ cups & studs 6/5.5"
8	122066	Inner Bearing Cone 25580
	124287	Inner Bearing Cup 25520
9	122088	Grease Seal; Double Lip; 2.25" ID x 3.376" OD
10	122259	Brake Assembly 12" x 2" LH
	122451	Brake Assembly 12" x 2" RH
	136444	Shoe & lining kit for (1) brake
	136447	Magnet kit; black or white wire
	136445	Spring & hardware kit
	136453	Adjuster screw and spring kit



Use 5a/5b in place of 3 & 5 if spindle has no hole for cotter pin and has D-flat washer

**6000K Wheel End** Replacements

item	part no.	description
1	122065	Rubber Plug for lubed grease caps
2	122064	Dust Cap; 2.5" bore; super lube
	122071	Dust Cap; 2.5" bore; non-lubed
3	122075	Cotter Pin
4	122081	Spindle Nut; 6 slot
5	179660	Spindle Washer; round ID
5a	172888	Spindle Washer; D-flat
5b	119216	Spindle Washer; locking tang
6	122091	Outer Bearing Cone 15123
	126996	Outer Bearing Cup 15245
7	122463	Hub Drum w/ cups & studs 6/5.5"
8	122066	Inner Bearing Cone 25580
	124287	Inner Bearing Cup 25520
9	122088	Grease Seal; Double Lip; 2.25" ID x 3.376" OD
10	122259	Brake Assembly 12" x 2" LH
	122451	Brake Assembly 12" x 2" RH
	136444	Shoe & lining kit for (1) brake
	136447	Magnet kit; black or white wire
	136445	Spring & hardware kit for (1) brake
	136453	Adjuster screw and spring kit



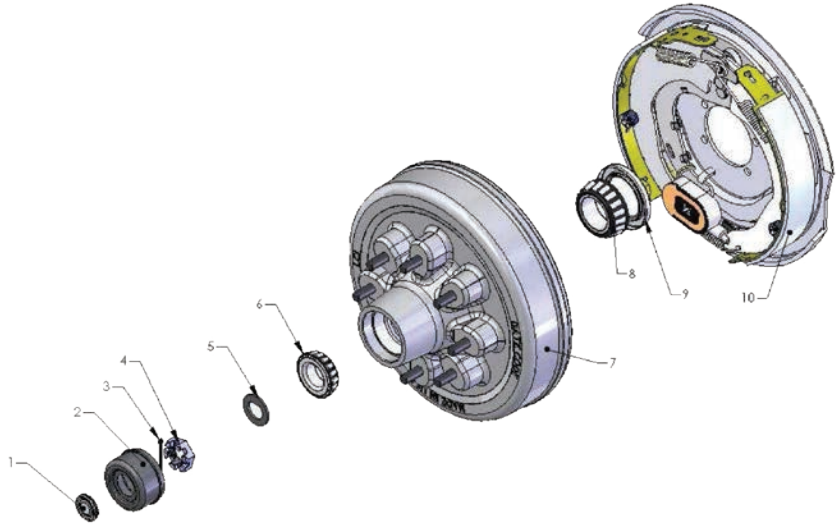
Use 5a/5b in place of 3 & 5 if spindle has no hole for cotter pin and has D-flat washer



**AXLE REPLACEMENT PARTS\_7K & 8K**

**7000K Wheel End Replacements**

item	part no.	description
1	122065	Rubber Plug for lubed grease caps
2	127300	Dust Cap; 2.75" bore; super lube
	127206	Dust Cap; 2.75" bore; non-lubed
3	122075	Cotter Pin
4	122081	Spindle Nut; 6 slot
5	179660	Spindle Washer; round ID
5a	172888	Spindle Washer; D-flat
5b	119216	Spindle Washer; locking tang
6	127009	Outer Bearing Cone 14125A
	127012	Outer Bearing Cup 14276
7	122463	Hub Drum w/ cups & studs 6/5.5"
7a	141290	Hub Drum; 9/16" studs; 8/6.5"
8	122066	Inner Bearing Cone 25580
	124287	Inner Bearing Cup 25520
9	122088	Grease Seal; Double Lip; 2.25" ID x 3.376" OD
10	122259	Brake Assembly 12" x 2" LH
	122451	Brake Assembly 12" x 2" RH
	136444	Shoe & lining kit for (1) brake
	136447	Magnet kit; black or white wire
	136445	Spring & hardware kit for (1) brake
136453	Adjuster screw and spring kit	

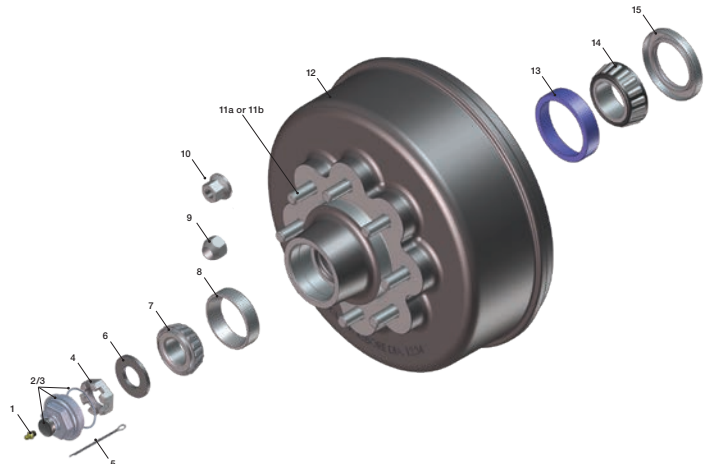


**8K Wheel End Replacements**

item	part no.	description
1	122255	Grease Zerk Lubed
2	695814	KIT includes: Rubber Plug For Caps, Oil Cap, Clear & O-Ring For Caps
3	700266	KIT includes: Rubber Plug For Caps, Grease Cap, Black & O-Ring For Caps
4	122081	Spindle Nut 1"-14
5	122075	Cotter Pin 0.120 X 1.75
6	179660	Spindle Washer 1.06 X 2.00 OD
7	129752	Outer Bearing Cone 02475
8	168687	Outer Bearing Cup 02420
9	134581	Cone Wheel Nut 9/16 - 18 60°
10	176321	Flanged Wheel Nut 5/8-18
11a	175704	Stud, 9/16-18
11b	175705	Stud, 5/8-18
12	2772121	Brake Hub; 865-5/8"; 12 1/4" Brk; 4.75" Pilot
	2772101	Brake Hub - 865-9/16"; 12 1/4" Brk; 4.75" Pilot
	347627	Brake Hub; 865-5/8"; 12" Brake; 4.75" Pilot
	359552	Brake Hub; 865-9/16"; 12" Brake; 4.75" Pilot
13	124287	Inner Bearing Cup 25520
14	122066	Inner Bearing Cone 25580
15	122088	Grease Seal 2.25" Shaft
	276712	Oil Seal 2.25" Shaft (Not Pictured)

part no.	brakes
156443	Brake; Electric - LH X 12.25 X 3.38; 4 Bolt; 8000#
156444	Brake; Electric - RH X 12.25 X 3.38; 4 Bolt; 8000#
162836	Brake Bolt - 1/2 - 20 X 1 1/2
162838	Brake Lock Washer - 1/2
122253	Brake Hex Nut - 1/2 - 20

part no.	brake parts
330792	12 1/4" X 3.38" Shoe & Lining Kit LH, 8-10K
3307921	12 1/4" X 3.38" Shoe & Lining Kit RH, 8-10K
293115	12 1/4" Magnet Kit, 8-12K



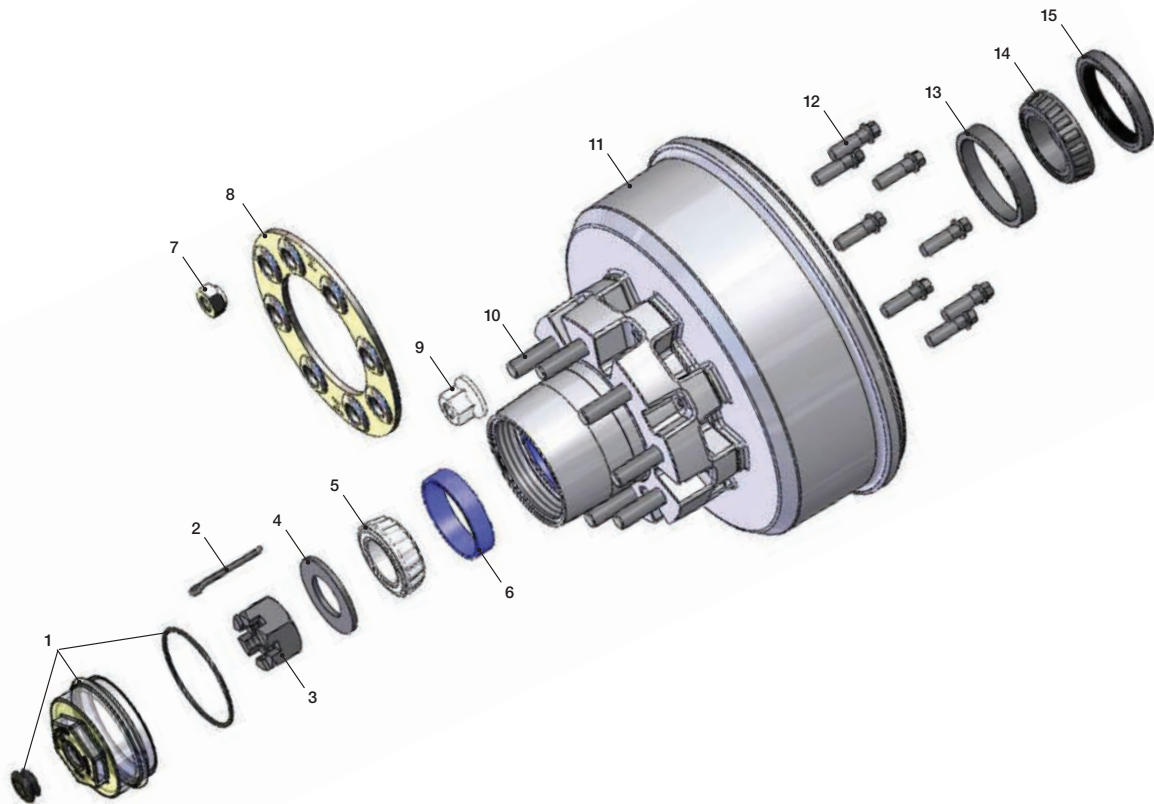
## AXLE REPLACEMENT PARTS\_10K

### 10K Wheel End Replacements

item	part no.	description
1	693935	KIT includes: Rubber Plug For Oil Cap, Oil Cap & O-Ring For Oil Cap
2	181899	Cotter Pin - 1/4" x 2 1/4"
3	181894	Spindle Nut - 1 1/2" - 12
4	181895	Spindle Washer - 1.50" x 3.00" OD
5	122066	Bearing - Cone, 10K Outer (25580)
6	124287	Bearing - Cup/Race, 10K Outer (25520)
7	205048	Wheel Nut - 5/8" - 18; 90°
8	205049	Wheel Clamp Ring for 5/8" Studs
9	176321	Flanged Wheel Nut 5/8 - 18
10	183128	Stud - 5/8" - 18 x 3.15"
11	183662 183168 183537	Brake Drum Hub; 865 - 5/8"; 4.75" Pilot Idler Hub, 865-5/8"; 4.75" Pilot (Subassembly - Not Pictured) Brake Drum, 865-5/8" (Subassembly - Not Pictured)
12	183536	Drum Mounting Bolt
13	183463	Bearing - Cup/Race, 10K Inner (382A)
14	183807	Bearing - Cone, 10K Inner (387A)
15	176692	Oil Seal - 2.855 ID x 3.880 OD, National #370150A

part no.	brakes
181935	Brake; Electric - LH X 12.25" X 3.38"; 7 Bolt; 10000#
181936	Brake; Electric - RH X 12.25" X 3.38"; 7 Bolt; 10000#
207576	Brake Bolt - 7/16 - 20 X 1 1/2
122086	Brake Lock Washer - 7/16
122085	Brake Hex Nut- 7/16 - 20

part no.	brake parts
330792	12 1/4" X 3.38" Shoe & Lining Kit LH, 8-10K
3307921	12 1/4" X 3.38" Shoe & Lining Kit RH, 8-10K
293115	12 1/4" Magnet Kit, 8-12K



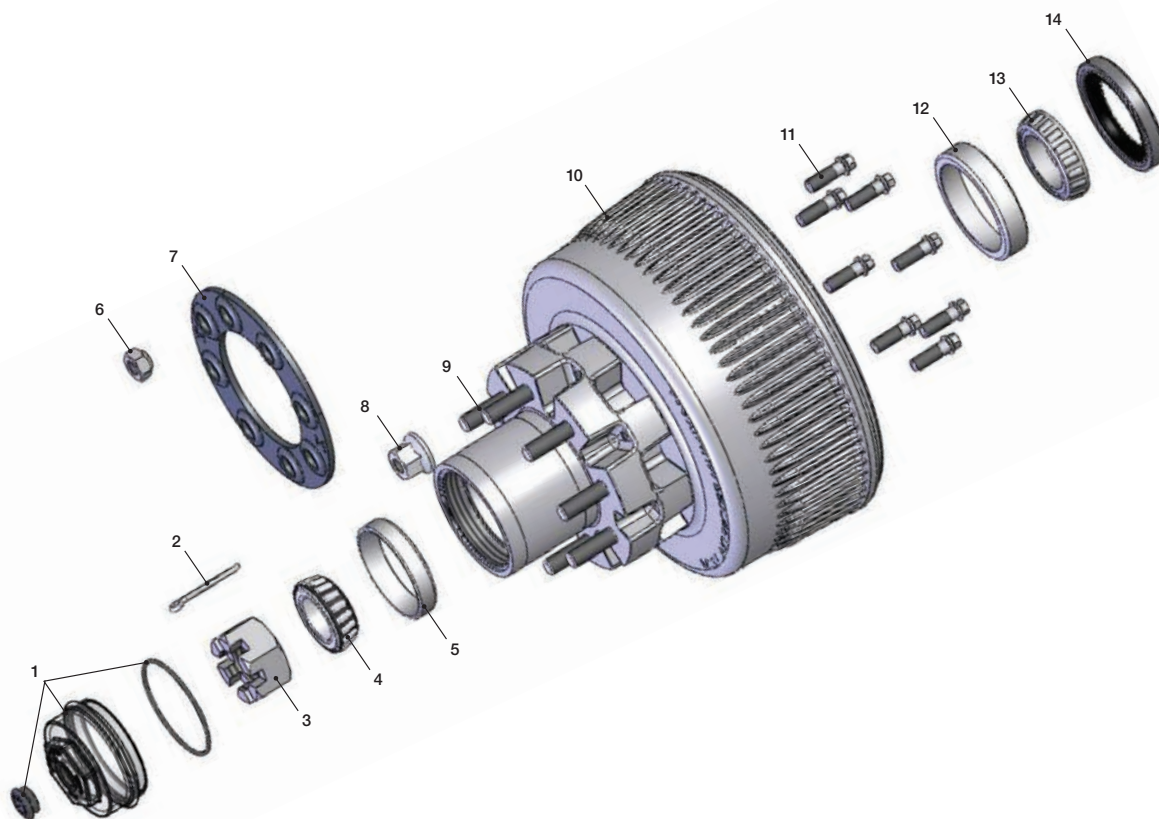
## AXLE REPLACEMENT PARTS\_12K

## 12K Wheel End Replacements

item	part no.	description
1	693935	Kit includes: Rubber Plug For Oil Cap, Oil Cap O-Ring For Oil Cap
2	181899	Cotter Pin - 1/4" X 2 1/4"
3	330037	Spindle Nut - 1 3/4" - 12
4	293382	Bearing - Cone, 12K Outer (28682)
5	293381	Bearing - Cup/Race, 12K Outer (28622)
6	205048	Wheel Nut - 5/8-18; 90°
7	205049	Wheel Clamp Ring For 5/8" Studs
8	176321	Flanged Wheel Nut 5/8-18
9	183128	Stud - 5/8-18 X 3.15"
10	297983 301691 301940	Brake Drum-Hub; 865-5/8"; 4.75" Pilot Idler Hub, 865-5/8"; 4.75" Pilot (Subassembly - Not Pictured) Brake Drum, 865-5/8" (Subassembly - Not Pictured)
11	183536	Drum Mounting Bolt
12	293379	Bearing - Cup/Race, 12K Inner (3920)
13	293380	Bearing - Cone, 12K Inner (3984)
14	295924	Seal - 3.125" Shaft X 4.50" Bore; National #B370014BGR

part no.	brakes
297998	Brake, Electric - LH X 12.25" X 5", 7 Bolt, 12000#
2979981	Brake, Electric - RH X 12.25" X 5", 7 Bolt, 12000#
207576	Brake Bolt - 7/16 - 20 X 1 1/2
122086	Brake Lock Washer - 7/16
122085	Brake Hex Nut- 7/16 - 20

part no.	brake parts
330793	12 1/4" X 5" Shoe & Lining Kit LH, 12K
3307931	12 1/4" X 5" Shoe & Lining Kit RH, 12K
293115	12 1/4" Magnet Kit, 8-12K



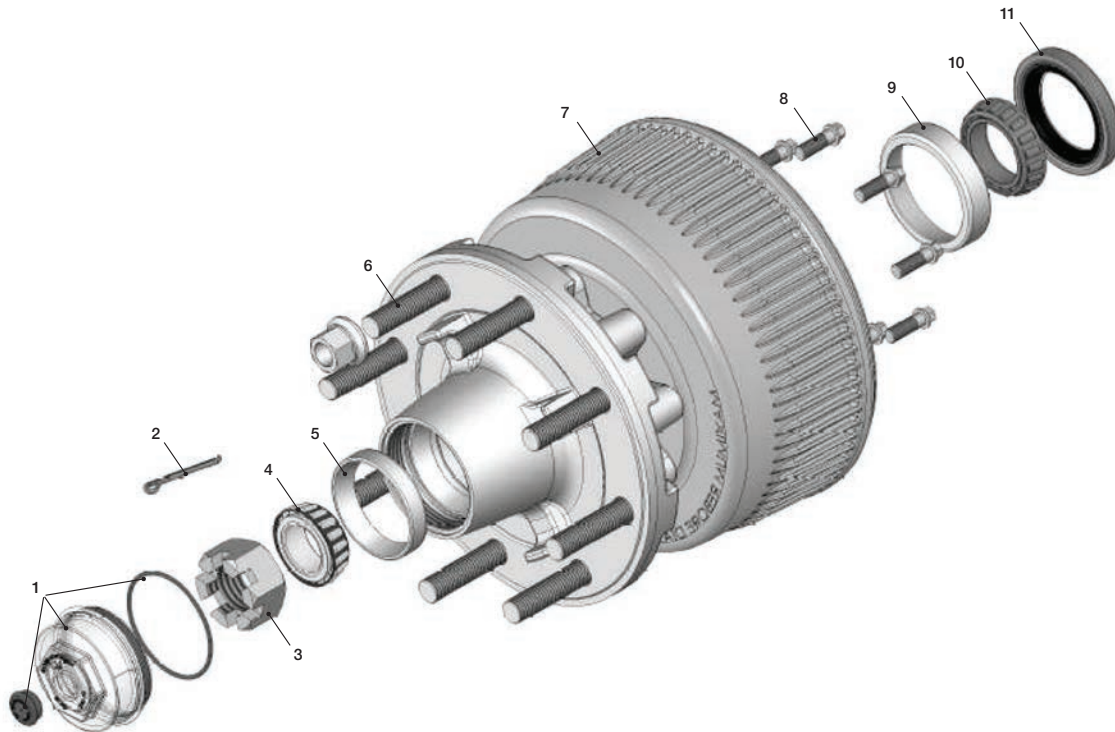
## AXLE REPLACEMENT PARTS\_16K

### 16K Wheel End Replacements

item	part no.	description
1	693935	Kit includes: Rubber Plug For Oil Cap, Oil Cap O-Ring For Oil Cap
2	181899	Cotter Pin - 1/4" X 2 1/4"
3	330037	Spindle Nut - 1 3/4" - 12
4	293382	Bearing - Cone, 16K Outer (28682)
5	293381	Bearing - Cup/Race, 16K Outer (28622)
6	352774	Stud - M22 X 1.5 X 4.79", GR 10.9
7	353323	Brake Drum-Hub; 8 On 275mm, M22 Studs
8	183536	Drum Mounting Bolt
9	293379	Bearing - Cup/Race, 16K Inner (3920)
10	293380	Bearing - Cone, 16K Inner (3984)
11	295924	Seal - 3.125" Shaft X 4.50" Bore; National #B370014BGR
	358550	Spindle Washer - 1 3/4" X 3.00" (Not Pictured)

part no.	brakes
297998	Brake, Electric - LH X 12.25" X 5", 7 Bolt, 16000#
2979981	Brake, Electric - RH X 12.25" X 5", 7 Bolt, 16000#
207576	Brake Bolt - 7/16 - 20 X 1 1/2
122086	Brake Lock Washer - 7/16
122085	Brake Hex Nut- 7/16 - 20

part no.	brake parts
330793	12 1/4" X 5" Shoe & Lining Kit LH, 16K
3307931	12 1/4" X 5" Shoe & Lining Kit RH, 16K
293115	12 1/4" Magnet Kit, 16K



**FORWARD SELF-ADJUSTING BRAKES**

**BE PREPARED  
IN CASE OF AN  
EMERGENCY STOP**

Standard brakes should be adjusted every three months. Forward Self-Adjusting Brakes self-adjust during every forward stop, providing up to 50 percent better braking distance and preventing premature brake line and magnet wear.



GET UP TO **50** PERCENT **BETTER BRAKING DISTANCE**



Trailer equipped with forward self-adjusting brakes

Trailer Equipped with Standard Electric Brakes



Trailer equipped with standard electric brakes

**SIMULATED STOPPING DISTANCE AT 60 MPH**

part no.	description
296649	10" x 2-1/4" LH Forward Self-Adjusting Brake Assembly, 3.5K - 4 bolt mounting pattern
296650	10" x 2-1/4" RH Forward Self-Adjusting Brake Assembly, 3.5K - 4 bolt mounting pattern
296651	12" x 2" LH Forward Self-Adjusting Brake Assembly, 4-7K - 5 bolt mounting pattern
296652	12" x 2" RH Forward Self-Adjusting Brake Assembly, 4-7K - 5 bolt mounting pattern

**ELECTRIC BRAKE\_ ASSEMBLIES & PARTS****10" x 2.25" 4-Bolt Electric Brake Assembly fits 3.5K axles**

part no.	description
297956	LH Electric Brake Assembly (Single)
298274	RH Electric Brake Assembly (Single)
122258	LH Electric Brake Assembly (Bulk-168 pc)
122450	RH Electric Brake Assembly (Bulk-168 pc)

**12.25" x 3.38" 4-Bolt Electric Brake Assembly fits 8K axles**

part no.	description
298277	LH Electric Brake Assembly; 8K (Single)
298279	RH Electric Brake Assembly; 8K (Single)
156443	LH Electric Brake Assembly; 8K (Bulk-81 pc)
156444	RH Electric Brake Assembly; 8K (Bulk-81 pc)



297956



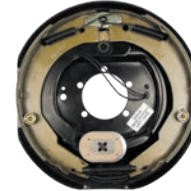
298277

**12" x 2" 5-Bolt Electric Brake Assembly fits 4-7K axles**

part no.	description
298275	LH Electric Brake Assembly (Single)
298276	RH Electric Brake Assembly (Single)
122259	LH Electric Brake Assembly (Bulk-126 pc)
122451	RH Electric Brake Assembly (Bulk-126 pc)

**12.25" x 3.38" 7-Bolt Electric Brake Assembly fits 10K axles**

part no.	description
181935	LH Electric Brake Assembly; 10K (Single)
181936	RH Electric Brake Assembly; 10K (Single)



298275

**12.25" x 5" 7-Bolt Electric Brake Assembly fits 12K axles**

part no.	description
297998	LH Electric Brake Assembly; 12K (Single)
2979981	RH Electric Brake Assembly; 12K (Single)



181935



297998

**10" x 2.25" Electric Brake Replacement Parts**

part no.	description
136451	Shoe & Lining Kit (includes primary & secondary shoe/lining)
136453	Adjustment Screw Kit (includes adjustment screw assembly & spring)
136454	Magnet Kit (includes magnet w/ green lead wires, retainer clip & spring)



136451



136453



136454

**12" x 2" Electric Brake Replacement Parts**

part no.	description
136444	Shoe & Lining Kit (includes primary & secondary shoe/lining)
136453	Adjustment Screw Kit (includes adjustment screw assembly & spring)
136447	Magnet Kit (includes magnet w/ white lead wires, retainer clip & spring)



136444



136447

## HUBS/BEARINGS/GREASE SEALS

141280

158530

122461



### Idler Hubs

part no.	capacity	bolt pattern	stud size
141280	2200 lb. (5.5" HFD)	5-4.5"	1/2"
158530	2000 lb. (6.5" HFD)	5-4.5"	1/2"
122461	3500 lb.	5-4.5"	1/2"

122460

122463

122465

141290



### Brake Hubs

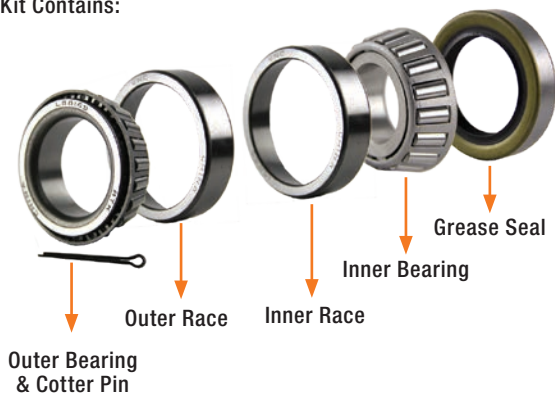
part no.	capacity	bolt pattern	stud size
122460	3500 lb.	5-4.5"	1/2"
122463	5200 to 6000 lb.	6-5.5"	1/2"
122465	6000 to 7000 lb.	8-6.5"	1/2"
141290	6000 to 7000 lb.	8-6.5"	9/16"

1,250 lb.  
1.983" ID2,200 lb.  
1.987" ID3,500 lb.  
2.565" ID5,2,6,7 & 8 lb.  
3.376" ID

### Grease Seals

part no.	description
333953	Grease Seal; 1,250 lb. (1" Spindle); 1.983" OD; 2/pkg
333954	Grease Seal; 1,250 lb. (1" Spindle); 1.983" OD; 10/pkg
333956	Grease Seal; 2,200 lb.; 1.5" ID; 1.987" OD; 2/pkg
333957	Grease Seal; 2,200 lb.; 1.5" ID; 1.987" OD; 10/pkg
333960	Grease Seal; 3,500 lb.; 1.719" ID; 2.565" OD; 2/pkg
333961	Grease Seal; 3,500 lb.; 1.719" ID; 2.565" OD; 10/pkg
333962	Grease Seal; 5,2, 6, 7 & 8 lb.; 3.376" OD; 2/pkg
333963	Grease Seal; 5,2, 6, 7 & 8 lb.; 3.376" OD; 10/pkg

Each Kit Contains:



### Bearing & Seal Kits

part no.	description
333948	<b>Bearing Kit; 3,500 lb. Axle</b> (includes Outer Bearing L44649, Inner Bearing L68149, Inner Cup L68111, Outer Cup L44610, Grease Seal & Pin)
333949	<b>Bearing Kit; 5,200 lb. Axle</b> (includes Outer Bearing LM67048, Inner Bearing 25580, Inner Cup 25520, Outer Cup LM67010, Grease Seal & Pin)
333950	<b>Bearing Kit; 6,000 lb. Axle</b> (includes Outer Bearing 15123, Inner Bearing 25580, Inner Cup 25520, Outer Cup 15245, Grease Seal & Pin)
333951	<b>Bearing Kit; 7,000 lb. Axle</b> (includes Outer Bearing 14125A, Inner Bearing 25580, Inner Cup 25520, Outer Cup 14276, Grease Seal & Pin)

## AXLE SPRINGS & ATTACHING PART KITS



Double Eye Leaf Spring

### Leaf Springs

part no.	springs	capacity	loaded length	eye-to-eye length	loaded arch length	standens
127094	3	1,000 lb.	21"	20.375"	2.12"	72-17
127103	3	1,250 lb.	24"	23.125"	2.5"	72-06
125269	4	1,400 lb.	21"	20.5"	2.38"	72-13
125215	3	1,750 lb.	24"	23.2"	2.5"	72-09
124903	4	1,750 lb.	26"	25.25"	1.5"	72-42
125799	4	2,000 lb.	24"	23.125"	2.5"	72-18
125797	3	2,000 lb.	26"	25.25"	1.75"	72-24
129745	4	2,200 lb.	26"	25.25"	2"	72-78
702095	4	2,600 lb.	26"	25.25"	1.75"	72-25
133982	4	2,500 lb.	24"	23.125"	2.5"	72-20
122111	4	3,000 lb.	26"	25.25"	1.75"	72-26
679372	6	3,500 lb.	26"	24.875"	1.75"	72-27
132887	7	4,000 lb.	26"	24.875"	1.75"	72-79



Slipper Spring

### Slipper Springs

part no.	springs	capacity	loaded length	eye-to-eye length	loaded arch length	standens
132819	2	1,000 lb.	25"	24.75"	4"	72-2
136527	4	2,000 lb.	25"	26.5"	2"	72-30
125250	4	2,500 lb.	25"	26.5"	2"	72-31
125203	5	3,500 lb.	25"	26.5"	2"	72-32
156446	7	4,000 lb.	25"	26.5"	2"	72-33
176326	5	5,000 lb.	30"	30"	2.7"	72-80

121101



121097



121098



121099



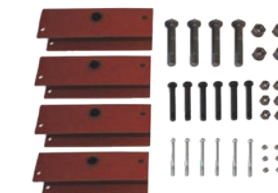
121100



128877



137383



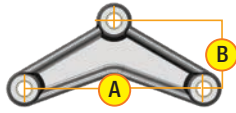
### Attaching Part Kits

part no.	description
121101	Single Axle AP Kit; 3-1/8" Link
121097	Tandem AP Kit; 33" Axle Spacing; EQ-104
121098	Tandem AP Kit; 33" Axle Spacing; EQ-310
121099	Tandem AP Kit; 35" Axle Spacing; EQ-E1
121100	Triple AP Kit; 33" Axle Spacing; EQ-104 & 105
128877	Tandem Slipper AP Kit; 33.5" Axle Spacing; EQ-1304
137383	Triple Slipper AP Kit; 33.5" Axle Spacing; EQ-1304

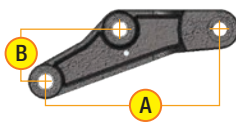


**EQUALIZERS/SPINDLE WASHERS/U-BOLTS/SHACKLE LINKS**

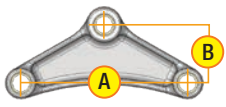
122106



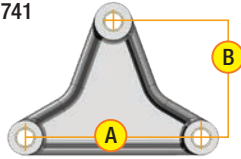
126277



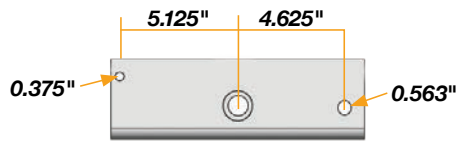
126460



126741



127771



**Equalizers**

part no.	equalizer type	A	B	hole diameter
122106	EQ-E1	7-3/4"	2-7/8"	9/16"
126277	EQ-105	6-3/4"	2"	9/16"
126460	EQ-104	5-3/4"	2"	9/16"
126741	EQ-310	6-1/16"	4"	9/16"
127771	EQ-1304 (Slipper)	See Drawing	See Drawing	See Drawing

All cast equalizers come with nylon bushings



**U-Bolts**

part no.	description
139737	U-Bolt 3/8"-24 x 4" for 1.75" Axle Tube; Yellow Zinc
122073	U-Bolt 1/2"-20 x 5.1" for 2.38" Axle Tube; Yellow Zinc
122070	U-Bolt 1/2"-20 x 6.5" for 3" Axle Tube; Yellow Zinc



Note - shackle link dimensions are measured from center of hole to center of hole

**Shackle Links**

part no.	description
122487	Standard 2.25" Shackle Link
133207	Standard 3.13" Shackle Link
126172	Heavy-Duty 2.25" Shackle Link
1567651	Heavy-Duty 3.13" Shackle Link

119214



119215



119216



**Spindle Washers**

part no.	description
119214	1" Round Spindle Washers
119215	1" D-Flat Spindle Washer
119216	1" Tang Spindle Washer

122487



133207



126172



1567651



125675



133485



**Shackle Link Assemblies**

part no.	description
125675	Standard 2.25" Shackle Link Assembly
133485	Standard 3.13" Shackle Link Assembly

## AXLE HANGERS & HARDWARE

106181



106182



106183



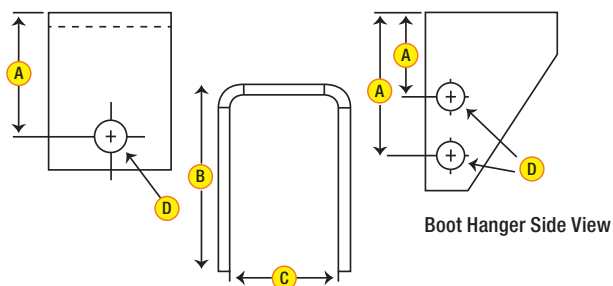
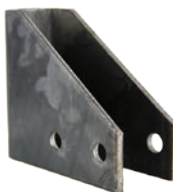
106185



106184



102906



### Axle Hangers

part no.	description	A	B	C	D
106181	1.25" Axle Hanger	1.25"	1.86"	2"	9/16"
106182	2.25" Axle Hanger	2.14"	2.87"	2"	9/16"
106183	3.25" Axle Hanger	3.13"	3.87"	2"	9/16"
106185	4.25" Axle Hanger	4.05"	4.75"	2"	9/16"
106184	5" Axle Hanger	4.82"	5.55"	2"	9/16"
102906	3" & 5" Boot Hanger	3 & 5"	5.75"	2"	9/16"

297426



297427



297429



### Axle Mounting Kits (mounts one axle)

part no.	description
297426	Axle Mounting Kit; 1.75" Axle Tube 3/8"-24 x 4" U-Bolts
297427	Axle Mounting Kit; 2.375" Axle Tube 1/2"-20 x 5" U-Bolts
297429	Axle Mounting Kit; 3.0" Axle Tube 1/2"-20 x 7.25" U-Bolts

121803



122102



271254



126238



126197



### Axle Bolts

part no.	description
121803	Press-In Wheel Stud; 1/2"-20 UNF x 1.98", 0.617" Knurl
122102	Shoulder Bolt; 9/16" x 2.32" w/ 7/16"-20 Thread End
271254	Shoulder Bolt; 9/16" x 2.82" w/ 7/16"-20 Thread End
126238	Wet Bolt; 9/16" x 3.24" w/ 7/16"-20 Thread End
126197	Wet Bolt; 9/16" x 3.74" w/ 7/16"-20 Thread End

122103



122081



122076



122079



122077



122085



134581



### Axle Nuts

part no.	description
122103	Shackle Bolt Nut; 7/16"-20
122081	6-Slot Castle Spindle Nut; 1"-14
122076	60° Cone Lug Nut; 1/2"-20
122079	U-Bolt Flange Nut; 1/2"-20
122077	Self-Locking Brake Nut; 3/8"-24
122085	Brake Hex Nut; 7/16"-20
134581	60° Cone Lug Nut; 9/16"-18

\*Standard stud size is 9/16"

## DUST CAPS/MISC. PARTS

122099



122067



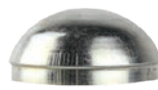
122071



122064



127206



127300



122065



## Dust Caps

part no.	description
122099	Dust Cap; Non-Lubed for 2K & 3.5K; DC 200
122067	Dust Cap; Lubed for 2K & 3.5K; DC 200L
122071	Dust Cap; Non-Lubed for 5.2K & 6K; DC 250
122064	Dust Cap; Lubed for 5.2K & 6K; DC 250L
127206	Dust Cap; Non-Lubed for 7K & 8K; DC 275
127300	Dust Cap; Lubed for 7K & 8K; DC 275L
122065	Universal Rubber Dust Cap Plug

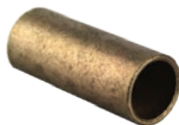
122075



122084



126171



122255



## Miscellaneous Parts

part no.	description
122075	Standard Cotter Pin for LCI Axle Assemblies
122084	3M Sealed Wire Connector
126171	Bronze Bushing, .581D x .7000 x 1.74
122255	Grease Zerk for LCI Super Lube Axles up to 8K

## CHASSIS SHIELD

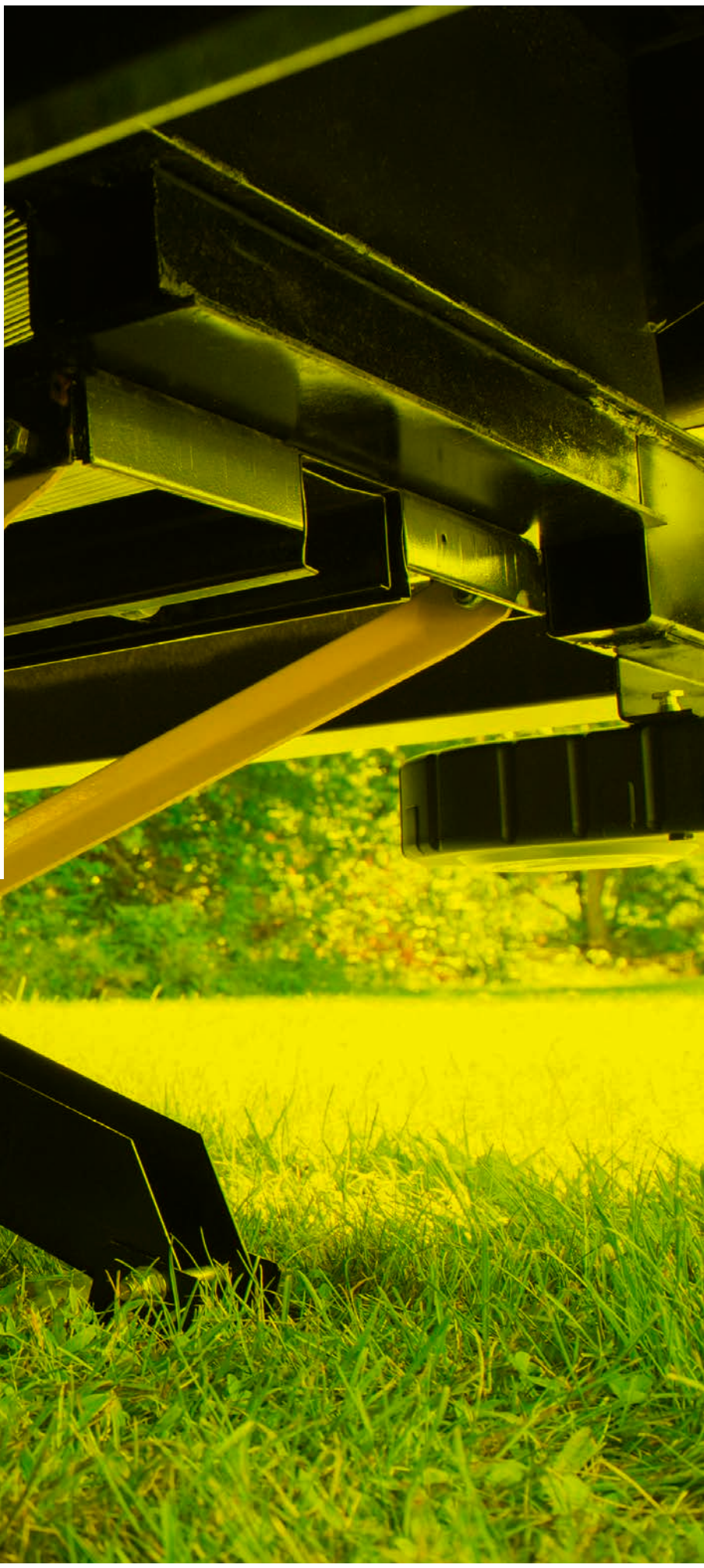


## CHASSIS SHIELD RUST INHIBITOR

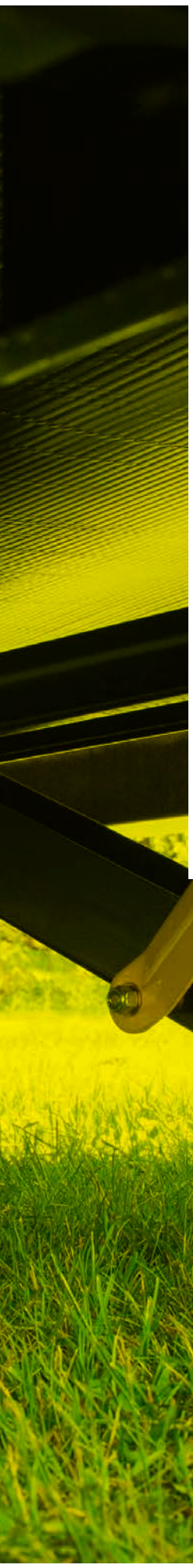
- Creates a thin film to protect RV and trailer chassis from rust and corrosion
- Penetrates and lubricates to free rusted, stuck parts and eliminate squeaks
- Approved for sale in California and Canada
- Displaces water on metal surfaces
- Lubricates moving parts
- Made in the USA

part no.	description
674806	Chassis Shield - Rust Inhibitor (Per can)





# LEVELLING/ STABILIZATION



# ONE-TOUCH LEVELING FOR TRAVEL TRAILERS

Ground Control® TT levels and stabilizes your travel trailer quickly and accurately. It's a long and difficult process to get an RV level with manual jacks, chocks and wedges. Ground Control TT levels and stabilizes the travel trailer in a matter of minutes and features hitch height memory.

**Ground Control® TT**  
TRAVEL TRAILER LEVELING SYSTEM

All new leveling jacks form a rigid triangle, the strongest shape in nature!



Under 3 minutes to level!



Hitch height memory stored by Power Tongue Jack



Automatic, one-touch electric leveling



First-ever automatic leveling system for travel trailers



Fully electric system - no hydraulics



Power Tongue Jack remembers hitch height

part no.	description
672136	Ground Control TT Electric Leveling System

Ground Control®  
3.0



## AUTOMATIC ONE-TOUCH ELECTRIC LEVELING FOR FIFTH-WHEELS

With the push of a button, Ground Control 3.0 levels and stabilizes an RV quickly and accurately, enhancing the overall camping experience. It can take up to an hour to get an RV level with manual jacks, chocks and wedges. Ground Control 3.0 levels and stabilizes the RV in a matter of minutes and features automatic re-hitch memory that remembers the exact height at which the RV was unhitched to save RVers time when hooking up.



Automatic, one-touch electric leveling



Only 3 minutes to level



Stronger, faster jacks



Easy bolt-on installation



Optional one-touch wireless remote



358590:  
Fifth-Wheel Kit

part no.	description
358590	Ground Control 3.0 Fifth-Wheel Kit; 4-Point

# NUMBER ONE RATED FIFTH-WHEEL HYDRAULIC LEVELING SYSTEM



### Saves time and energy

The patented six-point Level Up® leveling system levels and stabilizes an RV in less than a minute using a one-touch auto-leveling feature, and includes an auto re-hitch memory function that remembers the exact height at which the RV was unhitched.

### Protects your RV

Uneven ground can cause a lot of problems and other leveling systems can stress and twist the chassis, damaging slide systems, sidewalls and windows. Level Up's patented design won't put undue stress on the chassis —Level Up's six-point leveling system incorporates leveling jacks before the front axle and behind the rear axle maintaining the integrity of the RV at all times.

**SET UP  
CAMP IN LESS  
THAN ONE  
MINUTE WITH  
LEVEL UP!**



**Automatic, one-touch electric leveling**



**Lightning fast hydraulics**



**Lightweight aluminum jacks**



**Rock-steady disturbance-free camping**



**6 Point Leveling System**

part no.	description
645281	Level Up Complete Kit W/Vertical Pump; 4-Point
645273	Level Up Complete Kit W/Vertical Pump; 6-Point
645275	Level Up Complete Kit W/ Horizontal Pump; 6-Point

**POWER GEAR®\_ HYDRAULIC LEVELING SYSTEM**



The four-point Power Gear Hydraulic Leveling System levels and stabilizes a motorhome in just a few minutes using one-touch, automatic or semi-automatic leveling. Power Gear Motorhome Leveling enhances the overall camping experience by preventing annoying rocking and swaying at the campsite and can accommodate a wide range of vehicle sizes from Class A to Class C units.



**Automatic and semi-automatic aftermarket kits for a range of vehicles from Class A to Class C units**

part no.	description	pump kit	hose kit	electrical kit	leveling jack rear	leveling jack front	interconnect harness
359155	Heavy-Duty with Tag Axle - GVWR to 54K	359327 Pump	359249 (Contains 8 Hoses)	359080 Touch Pad	359351 Jack Leg	359352 Jack Leg	359478 Harness
359156	Heavy-Duty GVWR to 36K	359327 Pump	359250 (Contains 8 Hoses)	359080 Touch Pad	359352 Jack Leg	359352 Jack Leg	359066 Harness
359157*	Medium-Duty GVWR to 30K	359269 Pump	359251 (Contains 4 Hoses)	359080 Touch Pad 359248 Control 359067 Harness	359384 Jack Leg	359394 Jack Leg	359478 Harness
359158*	Light-Duty GVWR to 18K	359360 Pump	359252 (Contains 4 Hoses)	359080 Touch Pad 359248 Control 359067 Harness	359394 Jack Leg	359404 Jack Leg	359478 Harness

*\*Medium and Light-Duty Kits require a Mounting Bracket Kit that is sold separately. Ford Mounting Kit Part # 359253 (1010001271). Workhorse Mounting Kit Part # 359233 (1010001549).*



## LEVELING SERVICE KITS

jack leg	supersedes Part no.	description	spring kit	repair kit/ seal kit
359384	500082HR9	9K Spring Return	359434	359465
359496	500235H	9K Spring Return	359430	359465
n/a	500498H	9K Spring Return	359430	359465
359394	500759	9K Spring Return	359434	359459
359377	500833	9K Spring Return	359434	359459
359375	500843	9K Spring Return	359434	359459
359364	500932	9K Spring Return	359434	359459
359050	500070TH	16K Power Down/Power Up	n/a	359463
359348	501136	16K Power Down/Power Up	n/a	359463
359347	501137	16K Power Down/Power Up	n/a	359463
n/a	500145	16K Power Down/Power Up	n/a	359463
359404	500730	6K Spring Return	359412	359461
359378	500832	6K Spring Return	359412	359461
359376	500842	6K Spring Return	359412	359461
359372	500876	6K Spring Return	359412	359461
359372	500933	6K Spring Return	359412	359461
359384	500800	12K Spring Return	359434	359458
359170	3510000111	12K Spring Return	359434	359458
359394*	500384HR*	6K Spring Return Kit	359413	359462*
*Seal kit only works for 500384HR made after 2003. If 2003 or earlier, must replace with entire leg kit # 359359 (501022)				
359495**	500385TH**	12L Spring Return	n/a	359460**
**Seal kit only works for 500385TH made after 2003. If 2003 or earlier, must replace with entire leg kit 359495 (#500385TH)				

**POWER STABILIZERS\_PSx2 & PSx1**

# INTRODUCING A FASTER, MORE ROBUST STABILIZER

New for 2019, the PSX2 Stabilizer adds several improvements to the PSX1 Stabilizer which was first introduced to the market in 2005. Easily retract and extend the jacks with the flip of a switch. In just a few minutes, the coach will be stable, so you can spend less time setting up camp and more time enjoying your vacation. Power Stabilizer Jacks are an affordable way to upgrade to power stabilization and easily bolt on to the existing frame.



**PSx2**  
DUAL MOTOR POWER STABILIZER

**FEATURES**

- PSx2 tested 30% more stable than previous versions of the power stabilizer.
- 2 motors add increased stability. Constant motion can cause a motor to “backdrive” which decreases stability. Backdrive becomes more difficult when there are 2 motors instead of one.
- The sliding channel in channel design has been removed from the original which is an improvement over the original.
- One switch instead of 2 switches make for 50% faster operation over the competition.
- One independent switch operates the two motors and legs simultaneously preventing frame twist which can cause several issues with the RV.
- Integrated breaker technology is designed to help prevent the user from damaging the stabilizers as well as damaging the RV itself by amping out before attempting to lift the trailer.



part no.	description
695602	PSx2 Power Stabilizer

**PSx1 & REPLACEMENT PARTS**

part no.	description
298707	PSx1 - High Speed Power Stabilizer w/ Black Switch Kit
1134121	Power Stabilizer Support Arm - Black
1134122	Power Stabilizer Support Arm - Yellow
119226	Power Stabilizer Crank Handle
673594	Power Stabilizer Bolt-on Double Spacer Kit (4 spacers)
352338	Electric Stabilizer Motor



## NEW LOOK. MORE FEATURES.

The Smart Jack features hitch height recognition mode; once the hitch height is set, the Smart Jack will store and remember that information until a new height is stored. To set this up, first measure the ball height on the tow vehicle once unloaded. Next, extend the Smart Jack to a distance that is 4" higher than the unloaded ball height. Lastly, set the hitch height by pressing and holding the up and down arrow buttons until the interface flashes.

With the Smart Jack's hitch height recognition, simultaneously press the up and down buttons twice while holding the third button to automatically extend the Smart Jack to the stored hitch height.

With hitch height recognition, users can simply press the hitch height button and walk away! No need to stand and hold the extend button, with a stored hitch height, the new Smart Jack will automatically extend.

### FEATURES

- Standard **XL** 9" diameter footpad
- Drop leg with four position height adjustments at 1-1/2" increments
- Backlit modern control panel replaces tired looking rocker switches
- Battery indicator alerts user of remaining coach battery life
- Auto-Hitch Memory Function. Smart Jack remembers where your hitch height is
- Easy auto-retract feature retracts the jack to towing height without having to hold down the switch
- Updated hood mirrors the design in today's travel trailers and hides the motor, preventing cords and wires from becoming snagged
- 3,500-pound capacity
- Easy access manual override on top of jack in case of power failure
- 30 AMP, 18" stroke

Replacement Override Plug



part no.	description
643589	Smart Jack - Black
733925	Smart Jack Replacement Plug (Qty 2)

## POWER TONGUE JACK



### FEATURES

- 3,500-pound rating
- 30 AMP, 18" Stroke
- Textured casing helps protect from chips and cracks
- 4 LED lights provide excellent illumination
- Helical cut gears reduce noise and improve operating efficiency
- Kit includes mounting hardware, pins and manual crank handle

Replacement Override Plug



part no.	description
285318	Power Tongue Jack - Black
733924	Power Tongue Jack Replacement Plug (Qty 2)

**QUICK DROP TONGUE JACK**



Perfect for trailers with no power source near the tongue jack!



**QUICK DROP TONGUE JACK**



**QUICK FACTS**

- Raise or lower jack using a power drill and 3/4" socket head\*\*
- No hand cranking required
- 2,000-pound lifting capacity
- 14" stroke
- Fits most cargo, utility and travel trailers
- Powder coating protects against the elements
- Removeable foot pad with locking pin included
- Patent pending

\* Do not use an impact drill for operation  
 \*\* Power drill and 3/4" socket head not included

part no.	description
733926	Quick Drop Tongue Jack

**MANUAL JACKS**



**FEATURES**

- 2,000-pound load capacity
- Rust-resistant finish on all metal surfaces
- Comes with hardware mounting kit
- 14-3/4" stroke
- 2-3/8" outer, 2" inner tube

part no.	description
285420	Manual Sidewinder Jack w/ mounting hardware



**24" Scissor Jack Kit**  
(mounting hardware not shown)



**30" Scissor Jack Kit**  
(mounting hardware not shown)

**FEATURES**

- Available in one- or two-jack kits; crank handle included in two-jack kit only
- Each jack comes with four mounting screws
- 5,000-pound load capacity
- Rust-prohibitive finish on all metal surfaces
- Universal weld-on or bolt-on application

part no.	description
285325	24" Stabilizer Jack; 1 per package w/ mounting hardware
285326	24" Stabilizer Jack Kit; 2 jacks, mounting hardware & crank handle
285332	30" Stabilizer Jack; 1 per package w/ mounting hardware
285344	30" Stabilizer Jack Kit; 2 jacks, mounting hardware & crank handle
285324	Standard Manual Stabilizer Jack Crank Handle



# JT'S STRONG ARM™

## PUT AN END TO UNWANTED CHASSIS MOVEMENT

Each JT's Strong Arm stabilizer tube bolts on to each landing gear leg and to the RV frame, forming a rigid triangle to eliminate unwanted chassis movement and provide a rock-solid camping experience, no welding required. The patented universal system is designed to attach to the three main types of jacks found on RVs: scissor, front landing gear and telescoping. JT's Strong Arm Jack Stabilizers come in easy bolt-on kits of four or six stabilizer tubes and include everything needed for installation.



*If unit has hydraulic jacks, three #314592 jack adapter lugs are required. If unit has electric stabilizer jacks, one #314597 adapter kit needed per set of electric stabilizer jacks.*

part no.	description
191023	Fifth-Wheel Kit Over 58" Between Landing Gear
191024	Fifth-Wheel Kit Under 58" Between Landing Gear
191025	Travel Trailer Kit



**JT'S STRONG ARM™ \_ JACK STABILIZER ACCESSORIES**



**Jack Adapter Lug: Hydraulic**

2 per package: Lugs can be welded to round hydraulic foot pads to attach JT's Strong™ Arm Jack Stabilizers. Bolt-on or weld-on application. Bolts included.

**314592**



**4" Swing Bolt Kit**

Replacement bolt kit: 4" swing bolts are used on front and rear jacks to attach stabilizer bar.

**314596**



**Spacer Mount**

2 per package: Spacer kit used when Nylock nut can't be installed at the end of the bolt due to restricted access such as a chassis or floor insulation/underbelly.

**314600**



**Silver Bullet Lifting Handle**

2 per package: Threads into 4" swing bolt on front landing gear leg and can be used to manually lift front jack when needed.

**314593**



**Electric Stabilizer Jack Pad Adapter Kit**

4 per package: Used to attach stabilizers to LCI® electric stabilizer jack foot pads. One plate goes on each side of jack pad to allow electric jack to retract fully.

**314597**



**Front Landing Gear Clevis Kit**

Replacement kit: Fits around fifth-wheel front landing gear legs in order to attach stabilizer bars.

**314601**



**T-Bolts**

2 per package: Replacement T-Bolts tighten stabilizer arms. Must loosen T-Bolts before extending or retracting all jacks or else jack damage can occur.

**314594**



**Stiffening Pads**

2 per package: Use on cross members to strengthen thinner gauge material or use two to sandwich compartment floor. Place pads 1/4" from the front or back edge.

**314598**



**T-Handle Tightening Tool**

This 27-1/2" tool allows you to tighten or loosen T-Bolts without kneeling or crawling on the ground.

**314602**



**1-1/4" Swing Bolt Kit**

Replacement bolt kit: 1-1/4" swing bolts are bolted to the frame or spacer mount on units with an enclosed underbelly to attach stabilizer bar.

**314595**



**Thread Cutting Bolt Kit**

12 per package: Used to attach spacer mounts to the frame. Drill 1/8" pilot hole, then use 5/16" bit. Bolts are designed to cut through frame as you drill.

**314599**

Power front landing gear is standard on most fifth-wheels produced today. Shouldn't your customers have access to the same time-saving feature? Easily raise the front of a fifth-wheel RV with our universal mount Power Landing Gear.

**FEATURES**

- Universal mount design
- 6,000-pound capacity
- 21" stroke
- Inner tube extends an additional 16"
- 1" between tube holes
- Rust-prohibitive surface on outer leg
- IP-rated switch
- Standard, high-speed & heavy-duty motor options



part no.	description
333964	6,000 lb. Universal Mount Power Landing Gear Kit (Includes legs, feet, pins, brackets, crank handle, gears, motor & switch)
333966	6,000 lb. Universal Mount Manual Landing Gear Kit (Includes legs, feet, pins, brackets, crank handle & gears)
217884	Standard Landing Gear Motor & IP-rated switch & harness
179013	Lead Universal Mount Landing Gear Leg & pin
179014	Follow Universal Mount Landing Gear Leg & Pin
276602	Aluminum Landing Gear Box for Universal Mount Legs
700052	Standard Landing Gear Pad with Pin
334096	Universal Landing Gear Cross Shaft Kit (Includes (1) 1" x 1" and (1) 3/4" x 3/4" cross shaft tubes)
119226	Manual Crank Handle
142178	Standard Landing Gear Motor only
145236	White IP-Rated Switch and harness only
196308	Heavy-Duty 6500 lb. Tuson Landing Gear Motor only
141893	High Speed Tuson Landing Gear Motor only
113511	Weld-on Landing Gear Leg Bracket
146060	Follow Leg Repair Kit
146059	Lead Leg Repair Kit

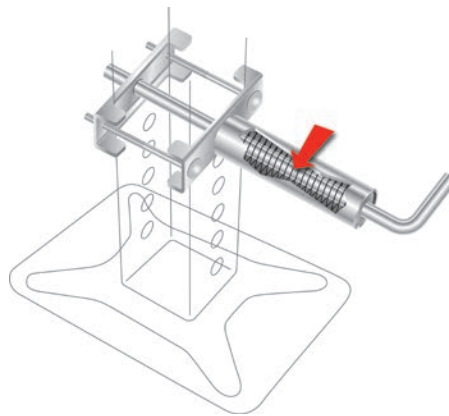


## QUICK RELEASE\_ PULL PINS

Standard landing gear pull pins are a pain. Simply pull the Quick Release Pull Pin and let the inside leg drop to the ground. When jacks are raised or lowered, the pin will automatically snap itself into place. No more messing with those cumbersome lynch pins. Simply pull and release.

### FEATURES

- Makes operating landing gear legs less cumbersome
- Quicker and easier than standard hair pin
- Bright, zinc-plated finish
- 3/8" diameter pin fits 7/16" hole
- One-time installation/permanently attached
- Works with all type of jacks
- Bolt-on installation; no welding required



### Heavy-duty spring-loaded pull pins

*allow for quick height adjustment and secure hook-ups on a fifth-wheel trailer.*

part no.	description
308287	Quick Release Pull Pins (Pair)

## STANDARD JACK PADS

part no.	description
314667	9" Round Landing Gear Pad (Pair)
700052	Standard Landing Gear Pad with Pin
112887	Pin - .375" x 2" x 2.625"
118103	Hairpin - .13" x 1.91"



9" Round Jack Pad



Standard Landing Gear Foot



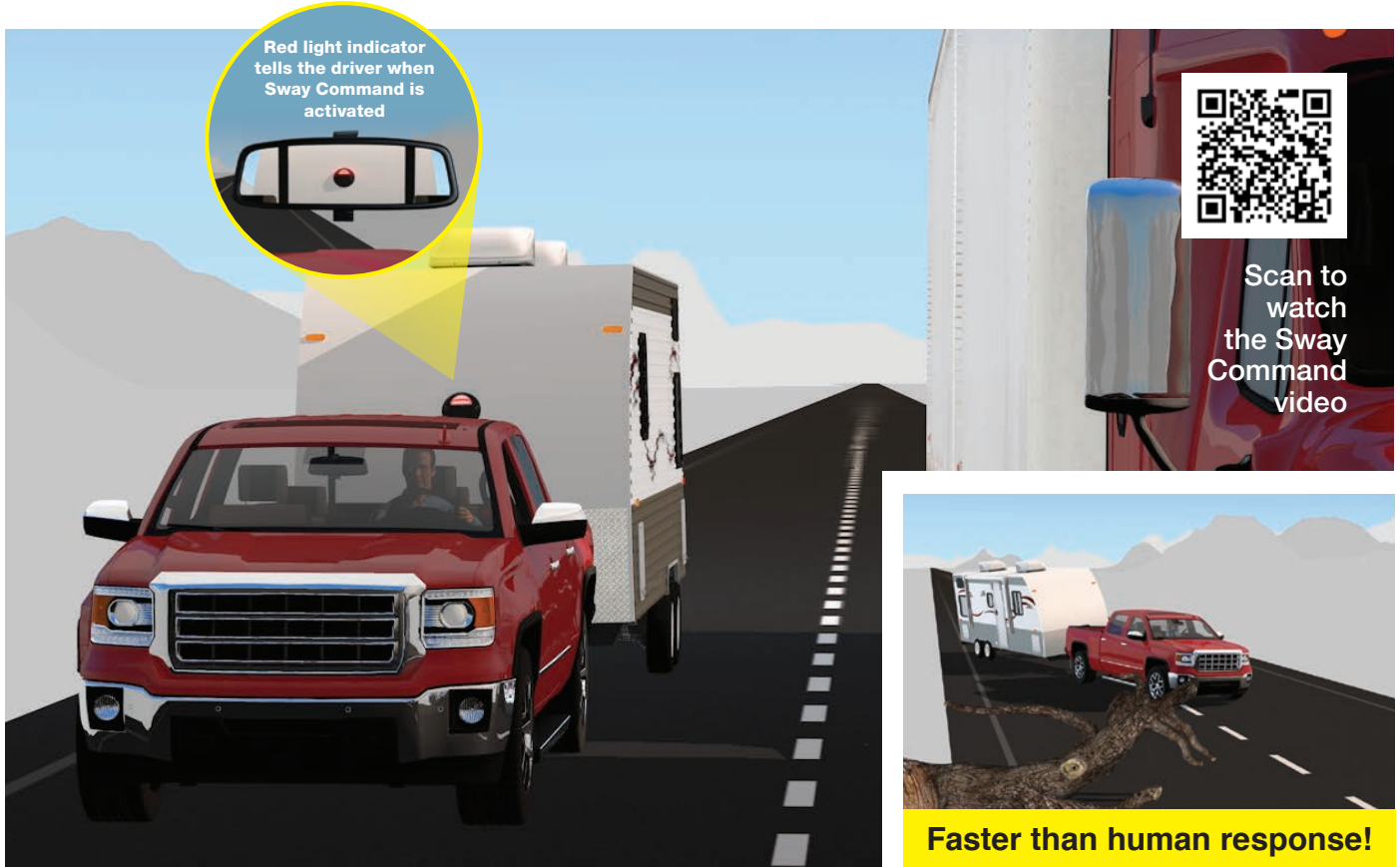
# TOWING/ PIN BOXES



# TOW WITH CONFIDENCE. TOW WITH PEACE OF MIND.



TOWING



If you tow a travel trailer RV you know all too well how scary a sway event can be, especially when making emergency maneuvers at high speeds or dealing with heavy crosswinds. Our patent pending Sway Command Tow Control Technology takes away those fears and promotes safety by applying the trailer brakes before a sway event can get out of control.\*

## FEATURES

- Utilizes both an accelerometer (measures lateral force) and gyroscope (measures angular velocity) to quickly and accurately differentiate between side-to-side and up-and-down movement to prevent false activation. This is especially useful off road. The competition uses only accelerometer technology
- Advanced patent pending microprocessor technology electronically detects trailer sway and applies the trailer brakes to suppress unwanted sway
- Light pod mounts to the front of the trailer and signals to the driver when the system is functioning properly



part no.	description
380605	Sway Command - Tow Control Technology

- Rigorously tested in sway-inducing towing conditions, including emergency maneuvers
- Controller works independently from existing brake control so that in the case of a short or disconnect in the tow vehicle connection, Sway Command won't be affected or vice versa

# THE MOST COMFORTABLE TOWING EXPERIENCE

The Flex Air Pin Box combines LCI's time-tested Trailair® Air Ride technology with its Rota-Flex™ pivoting head to significantly reduce fore-to-aft movement and vertical tug-of-war between a fifth-wheel RV and tow vehicle, providing the user a more comfortable ride.

The Flex Air Pin Box utilizes an air bag to absorb road shock and vibrations, a rubberized compound to soften jarring motion, and an oil shock absorber to handle rebound action, dampen kickback and control chucking.



**Flex Air**

part no.	description	weight rating	OEM#
328484	M15 Flex Air Pin Box	18K	0719
328492	L05 Flex Air Pin Box	18K	1621
369535	L05 Flex Air Pin Box	21K	1621



**1 Air Ride Technology**  
The air bag acts as a buffer between the tow vehicle and coach to absorb road shock and vibrations that can damage an RV.

**2 Oil Shock**  
As the air bag absorbs road shock and vibration, the oil shock absorber handles rebound action, dampening kickback.

**3 Pivoting head**  
The heavy-duty pivoting head in the lower jaw controls the vertical tug-of-war between the tow vehicle and fifth-wheel RV.

**4 Rubberized compound**  
The durable rubberized compound provides an additional buffer to help protect the fifth-wheel RV from jarring motion.

# ENHANCE YOUR TOWING EXPERIENCE

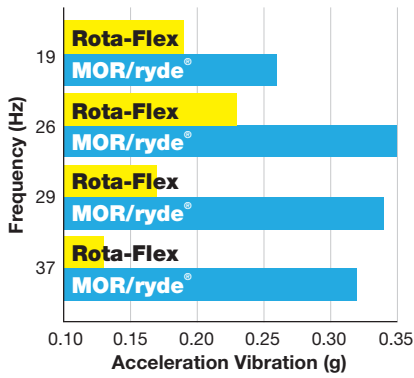
## AirRide

part no.	description	weight rating	OEM#
158778	L05 Air Ride Pin Box	21K	1621
158777	L07 Air Ride Pin Box	21K	1716
179879	M15 Flex Air Pin Box	18K	0719
155943	M19 Air Ride Pin Box	21K	1116



- Air bag acts as a buffer between the tow vehicle and coach to absorb road shock and vibrations
- Oil shock absorber handles rebound action, dampening kickback and controlling chucking

### Rota-Flex vs. MOR/ryde® Pin Boxes Accelerated Frame Chatter



■ Rota-Flex Pin Box Standard Suspension  
■ Mor/Ryde Pin Box Standard Suspension



- Pivoting head controls vertical tug-of-war between tow vehicle and RV
- Durable rubberized compound absorbs motion and vibration caused by road shock

## ROTA-FLEX™ Trailair

part no.	description	weight rating	OEM#
328330	L05 Rota-Flex Pin Box	18K	1621
176440	M19 Rota-Flex Pin Box	19K	1116
328329	L05 Rota-Flex Pin Box	21K	1621

LCI pin boxes are the industry standard. Each pin box has a rust-resistant powder-coated surface. Please consult your original equipment label before purchasing a new LCI pin box.



1621 Pin Box Shown

**LCI Pin Boxes**

part no.	description	weight rating	OEM#
1270271	M19 Retracted Pin Box	19K	1116
1191191	L05 Standard Pin Box	15.5K	1621
1191151	L05 Pin Box	18K	1621
1387883	L05 Pin Box	21K	1621
1324791	L07 Retracted Pin Box	15.5K	1716

Follow these steps to determine the correct Pin Box replacement model:

**Step 1:**

Look for the white sticker with a 4-digit number on it. (ex. 1621 or 1716)

**Step 2:**

What is the GVWR of the unit?

**Step 3:**

Visually compare the illustration to the mounting wing on the trailer.

**Step 4:**

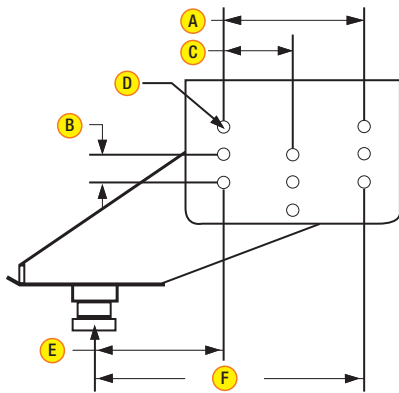
Measure length of box (front row of bolts to center of pin).

**Step 5:**

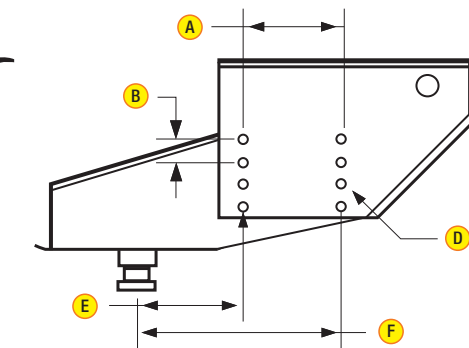
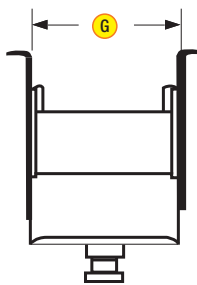
Measure bolt pattern (all three dimensions).

**Step 6:**

Measure box width.



Three-Row Hole Pattern



Two-Row Hole Pattern

**LCI Pin Boxes**

OEM part no.	LCI replacement	bolt pattern	style	horizontal distance between bolt pattern <b>A</b>	vertical distance between bolt pattern <b>B</b>	distance between rows <b>C</b>	bolt size <b>D</b>	bolt head size	front row bolts to center of kingpin <b>E</b>	rear row bolts to center of kingpin <b>F</b>	box width <b>G</b>
1621	L05	2-row	Long	7-7/8"	2"	n/a	5/8"	15/16"	17-3/4"	25-5/8"	12"
0719	M15	2-row	Medium	7-7/8"	2"	n/a	5/8"	15/16"	9"	16-7/8"	12"
1716	L07	3-row	Long	8-3/4"	2-1/2"	4-3/8"	5/8"	15/16"	20-3/8"	29-1/8"	12-1/2"
1116	M19	3-row	Medium	8-3/4"	2-1/2"	4-3/8"	5/8"	15/16"	14-5/8"	23-1/4"	12-1/2"

NOTE: We realize there are many different pin boxes on the market. If your pin box does not match up to these specs, please feel free to contact your customer service representative.

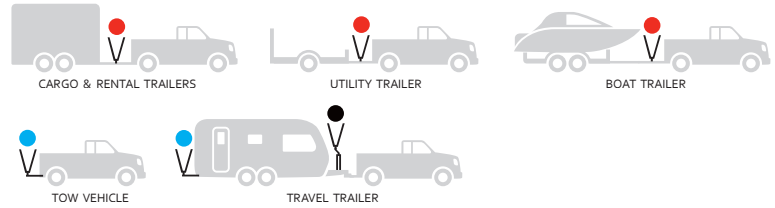


CARGO/  
SECURITY/  
STORAGE



# FIVE UNIQUE PRODUCTS. THREE DIFFERENT MOUNTING OPTIONS FOR YOUR BIKE NEEDS.

- BikeWing™ & Bump-IT™
- BikeWing™ & BikeBase™ (Hitch-IT™)
- BikeWing, Stinger & PowerTower™ (Jack-IT®)



**JACK-IT®**  
COMBINATION BIKEWING + STINGER + POWERTOWER

**Bike Base™**  
RECEIVER ADAPTER

**BUMP-IT™**  
THE PERFECT ACCESSORY FOR CAMPERS ON THE GO.

**BIKEWING™**  
DOUBLE BIKE CARRIER

**HITCH-IT™**  
COMBINATION BIKEBASE + BIKEWING KITS

CARGO/SECURITY/STORAGE

# JACK-IT®



Ever wished you could see your bikes from your rear-view mirror as you tow your travel or cargo trailer down the road? Now you can with the patented Jack-It® double bike carrier from Let's Go Aero. The Jack-It's innovative frame design installs over the tongue jack on the trailers A-Frame, the softest riding area on the frame. The BikeWing carrier holds two bikes safely, securely and simply by the wheels.

The adjustable wheel cradles and SwayStop™ straps secure the bike wheels to the bike carrier for a secure ride. The Jack-It allows travel trailer owners to utilize the valuable rear hitch/cargo space for additional gear and gives owners a new cargo utilization space.

## FEATURES

- 25-pound total weight (Jack-IT)
- 80-pound total capacity
- Fits most A-Frame travel and cargo trailers
- Frees up travel trailer's rear hitch/cargo area
- Fits all bike frames
- Carries your bikes by the wheels for balance, stability and ease of use
- PowerTower frame protects tongue jack from impact
- Includes (2) SwayControl cradles, (2) Lockable NoMotion™ pins and (3) 3/8"-16 1-1/2" bolts



Foam bumpers and the new SwayControl™ system enhance the rack's natural stability and protects the bicycle finish

BikeWing holds up two bikes by the wheels, adding natural balance, stability and sway control

PowerTower design protects your tongue jack from impact from foreign objects

Jack-IT fits most standard 3-bolt patterns over your tongue jack on the trailers A-Frame

part no.	description
429756	Jack-It Bike Rack (BikeWing, Stinger and Power Tower)



# Bike Base™

## FEATURES

- Adjustable clamping brackets fit trailer tongue tubing sizes ranging from 2" to 4" in width
- Great accessory for boat, cargo, rental, personal watercraft and commercial trailers
- NoMotion™ pins minimize wobble and can be padlocked for security
- Durable, powder-coat finish for protection from the elements
- Does not affect the trailer turning radius
- 80-pound weight limit



Shown with BikeWing™ two-bike rack mounted

BikeWing sold separately (part no. 731137)

- Package contains:**
- 1 - top plate with receiver tube
  - 1 - bottom plate
  - 4 - 3/8" x 6-1/2" hex bolts
  - 8 - flat washers
  - 8 - 3/8" nuts



part no.	description
731157	Bike Base Mounting Kit

CARGO/SECURITY/STORAGE

# BUMP-IT™

The Bump-IT accessory is a must-have for any Jack-IT® bike rack owner. The Bump-IT gives Jack-IT owners the freedom of transporting their bikes with them wherever they go by allowing them to easily move their BikeWing rack between their travel trailer and tow vehicle.

How does it work? The Bump-IT accessory plugs into your tow vehicle's rear hitch receiver using an adjustable aluminum adapter. Simply attach the Bump-IT to your tow vehicle and secure it with our NoMotion™ pin (included). Once secure, unattach the BikeWing™ assembly from your Jack-IT, and attach and secure it to the Bump-IT using the same pin that secured the BikeWing to the Jack-IT. It's that easy!

With this simple accessory, Jack-IT owners have the freedom to take their bikes to and from the campsite using their tow vehicle, whenever they please and in no time. When it's time to leave the campsite, simply reattach the BikeWing to the Jack-IT and secure it with the NoMotion pin. The Bump-IT is also certified for towable RV and motorhome hitch receivers as well.

## THE BUMP-IT IS THE PERFECT ACCESSORY FOR CAMPERS ON THE GO.



**Bump-IT™ Receiver Adapter**



**BikeWing™ added (sold separately)**



**Carries up to two bicycles**



- Package contains:**
- 1 - Bump-IT
  - 1 - 2" hitch adapter
  - 1 - NoMotion pin
  - 1 - locking hair pin
  - 1 - locking washer
  - 1 - flat washer
  - 1 - adjuster wrench
  - 1 - allen wrench



part no.	description
723359	Bump-IT Receiver Adapter

# HITCH-IT™

Combination BikeBase  
+ BikeWing Kits

## FEATURES

- Adjustable clamping brackets fit trailer tongue tubing sizes ranging from 2" to 4" in width
- Great accessory for boat, cargo, rental, personal watercraft and commercial trailers
- Adjustable wheel cradles and SwayStop™ straps secure the bike wheels
- NoMotion™ pins minimize wobble and can be padlocked for security
- Carries 2 bikes by the wheels for balance, stability and ease of use
- Durable, powder-coat finish for protection from the elements
- Does not affect the trailer turning radius
- Fits most adult and children's bike frames
- Foam bumpers protect your bike's finish
- 80-pound weight limit



### Package contains:

- 1 - wing base Y
- 2 - wing arms
- 2 - NoMotion™ pins
- 2 - flat washers
- 2 - lock washers
- 2 - snap pins
- 4 - SwayStop™ pins
- 4 - curved bike cradles
- 4 - protective foam pads
- 6 - cotter pins
- 8 - rubber bike straps
- 1 - BikeBase top plate with receiver tube
- 1 - BikeBase bottom plate
- 4 - 3/8"x 6-1/2" hex bolts
- 8 - flat washers
- 8 - 3/8" nuts

Included with the Hitch-It are the optional Stinger attachment kit, two extra SwayStop pins and two rubber bike straps.

part no.	description
731138	Hitch-it (Bike Base + Bike Wing Combo)

# BIKEWING™

- Combine with a PowerTower™\* for easy transportation on your RV trailer's A-Frame
- Combine with a Bump-IT™\* for easy transportation with most car or RV hitches
- Combine with a BikeBase™\* for easy transportation on various trailer frames
- Adjustable wheel cradles and SwayStop™ straps secure the bike wheels
- NoMotion™ pins minimize wobble and can be padlocked for security
- Carries 2 bikes by the wheels for balance, stability and ease of use
- Durable, powder-coat finish for protection from the elements
- Fits most adult and children's bike frames
- Foam bumpers protect your bike's finish



Conveniently carry up to two bicycles with the BikeWing shown with BikeBase (sold separately)

Included with the BikeWing are the optional Stinger attachment kit, two extra SwayStop pins and two rubber bike straps.

part no.	description
731137	BikeWing 2 Bike Carrier

\* sold separately

# LOOP IT, LOCK IT, & LEAVE IT.

Lock up the bike, ATV, grill, generator, camp chairs, dirt bike— just about anything — with the ToyLok anti-theft device. Simply bolt ToyLok onto the RV chassis, hitch or bumper and easily secure valuable personal property outside by extending the self-retracting cable, looping it through valuables and locking it with the heavy-duty padlock.



## FEATURES

- Weighs only 5.5 pounds
- Easy bolt-on application
- 8,000-pound capacity cable
- Built-in clutch prevents cable snap back while retracting
- Features padlock, 2 keys and 15-foot PVC-coated cable
- Internal braking and pulley system allows users to choose the optimal cable length
- Easy bolt-on hardware kit includes two 1/4" 28 tpi x 3" bolts with security nuts



CARGO/SECURITY/STORAGE

## Optional mounting kits for every application



Trailer Frame



Truck stake pocket



ATV/UTV



Tool box

part no.	description
337120	Toylok Anti-Theft Device; Nylon Nylon Casing; Padlock included
337118	Toylok Anti-Theft Device; Steel Steel Casing; Padlock not included
337111	Toylok Hitch Mounting Kit Fits 1-1/4" or 2" receivers; Hardware included
337112	Truck Mounting Adapter Mounts in truck stake pocket; protective pad and hardware included
337114	ATV/UTV Mount; Front/Rear Attaches to front or rear rack
337117	Tool Box Mount Adapter Includes hole saw, grommet and label
337110	Toylok Repair Kit



337111



337112



337114



337117



337110

## REEL AWAY®\_CORD REELS

Save space and leave the tangled messes at home! Power cord reels help free up storage compartment space and help keep RVers organized in tight, often cramped spaces. With optional mounting equipment, cord reels can be screwed securely in place and are perfect for both short spaces and tall and narrow spaces.

# ReelAway®



### Standard Cord Reel

- Holds up to a 36' power cord
- Small footprint frees up more storage compartment space
- Works for 30 or 50 amp cords
- Simple installation
- Screws included for mounting on wood or laminate
- Can be mounted for either right or left hand operation
- Our most economical model

part no.	description
677584	Standard Cord Reel Box



### Deluxe T Cord Reel

- Holds up to a 50' power cord
- Small footprint frees up more storage compartment space
- Works for 30 or 50 amp cords
- Simple installation
- Screws included for mounting on wood or laminate
- Can be mounted for either right or left hand operation
- Great for tall, narrow spaces

part no.	description
677582	Deluxe T Cord Reel Box



### Deluxe S Cord Reel

- Holds up to a 50' power cord
- Small footprint frees up more storage compartment space
- Works for 30 or 50 amp cords
- Simple installation
- Screws included for mounting on wood or laminate
- Can be mounted for either right or left hand operation
- Great for short spaces

part no.	description
677583	Deluxe S Cord Reel Box

\*Reels do not come with cords

# CUSTOMIZE FOR EASY ACCESS TO STORAGE



by Lippert Components\*

KwikEE Cargo Trays make accessing storage so much easier. RVers can stop climbing into deep storage compartments or straining to reach items in the back. Instead they can simply slide out the tray and grab what they need. Industrial grade ball-bearing slides keep trays gliding smoothly and allow them to extend all the way out. You customize the KwikEE Cargo Trays to perfectly fit each customer's storage compartments using plywood. Once installed, cover with carpet, rubber matting or vinyl.

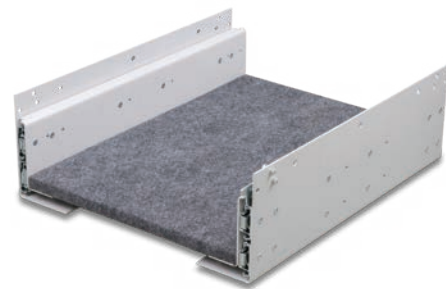
## Heavy-Duty Slide

### FEATURES

- Industrial grade ball-bearing slide
- 200-400-pound weight capacity
- Safety latch holds platform secure during travel and when fully extended
- Made with heavy-gauge steel and powder-coated finish
- Optional trim kit sold separately



Shown as packaged



Flooring not included; Shown as installed

part no.	description	capacity	latches
378870*	16" Heavy-Duty Slide	200 lbs.	Right Side
370793	22" Heavy-Duty Slide	200 lbs.	Right Side
370794	22" Heavy-Duty Slide	400 lbs.	Right Side
378956*	30" Heavy-Duty Slide	200 lbs.	Right Side

\*You determine width with plywood. Trim Kit optional.

## Battery Trays

### FEATURES

- Fully assembled
- Smooth ball-bearing and roller-bearing movement
- Powder-coated finish
- Trays lock securely in stowed position
- Safety latch locks slide
- Holds 1 to 8 batteries



Battery strap available for replacement; solid metal hooks at each end and adjustable buckle for easy access



part no.	outside dimensions			inside dimensions		weight capacity
366333	15-1/2"	15-1/8"	3-3/8"	14"	13"	130 lbs.
366485	14-9/16"	15-1/2"	3-5/16"	13"	14-1/4"	130 lbs.
366345	15-3/8"	13"	2-1/2"	14"	12-1/8"	130 lbs.
366357	16-1/8"	13"	2-1/2"	14-3/4"	12-7/64"	130 lbs.
366502	14-9/16"	16-3/8"	3-3/8"	13"	15-1/8"	130 lbs.
366329	15-13/16"	24"	3-3/16"	13-3/8"	21-3/8"	200 lbs.
366342	16-9/16"	16-13/16"	3-3/16"	14-1/4"	14-1/4"	200 lbs.
366331	25-1/8"	24-13/16"	3-3/16"	22-7/8"	22-7/8"	200 lbs.
366332	22-1/4"	15-1/4"	3-1/16"	20"	13-7/8"	200 lbs.
366328	16-15/16"	22-5/8"	3-3/16"	14-3/8"	21"	200 lbs.
366499	24-9/16"	18-5/16"	3-3/16"	22-1/8"	17-1/8"	200 lbs.

\*Inside dimension is for battery configuration; outside dimension is for compartment fit.

Part no.	Description
366510	Battery Strap

CARGO/SECURITY/STORAGE

# ENTRY/BAGGAGE DOORS



In just our first five years in the entry door market we brought 40+ never-before-seen product improvements and innovations, including three that are patent pending.

FEATURE	LCI	COMPETITION
Outer Frame Thickness	1/8"	1/16"
UV Stable Window	Standard	N/A
Hinge Size	9-1/2"	6-1/2" to 7-1/2"
Built-in Camber	Standard	N/A
Integrated Felt Seal	Standard	N/A
Screen Door Thickness	1"	1/2"
Screen Door Hinge	Stainless Steel	Aluminum

**Upgrade package includes the following:**

**Friction Hinge**

- Wind (up to 30 mph) will not blow entry door shut
- Replaces gas struts and plastic door catches that often break
- Seamless integration requires no additional parts
- Innovative engineering makes door sturdier



**Lighted Threshold**

- Lighted threshold activated upon opening
- Takes the guesswork out of step location in the dark
- Durable and protective cover strong enough to withstand the heaviest traffic
- Delivered pre-wired, making it easy to install



**Larger Window with Obscure Glass**

- Allows more natural light inside with a 12" x 36" window (black frame)



DOORS

standard door part no.	description	upgraded door no.
V000042326	24" x 68" RH Radius Entry Door	V000431024
V000051931	24" x 72" RH Radius Entry Door	V000431026
V000040259	26" x 72" RH Radius Entry Door	V000431028
V000040165	28" x 72" RH Radius Entry Door	V000431029
V000228493	30" x 74" RH Radius Entry Door	V000431030

†Additional sizes available. Please call for special orders.

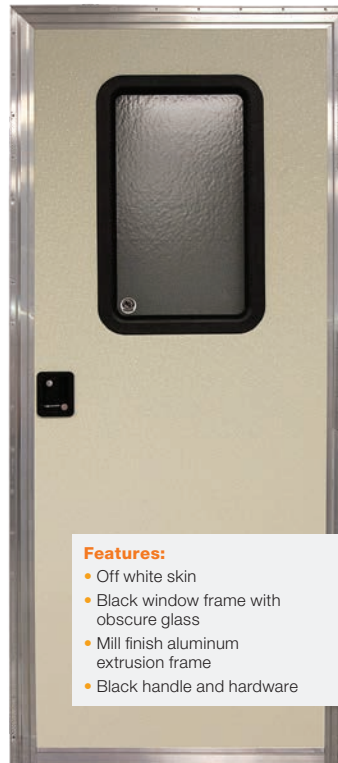
**STANDARD FEATURES**

- Polar white skin
- White aluminum extrusion frame
- White window frame with obscure glass
- White handle and hardware
- Screen door included with oversized push-down latch (allows you to open screen door when panel is closed)

## SQUARE\_ENTRY DOORS

part no.	description	color
V000350931	24" x 68" RH Square Entry Door	Off White
V000310932	24" x 70" RH Square Entry Door	Off White
V000310933	24" x 72" RH Square Entry Door	Off White
V000350934	24" x 76" RH Square Entry Door	Off White
V000350943	26" x 68" RH Square Entry Door	Off White
V000350944	26" x 70" RH Square Entry Door	Off White
V000350945	26" x 72" RH Square Entry Door	Off White
V000350948	26" x 78" RH Square Entry Door	Off White
V000350955	28" x 72" RH Square Entry Door	Off White
V000350951	30" x 72" RH Square Entry Door	Off White
V000350957	32" x 72" RH Square Entry Door	Off White
V000042629	24" x 68" RH Square Entry Door	Polar White
V000042628	24" x 70" RH Square Entry Door	Polar White
V000042625	24" x 76" RH Square Entry Door	Polar White
V000213919	28" x 68" RH Square Entry Door	Polar White
V000149585	30" x 72" RH Square Entry Door	Polar White
V000156500	36" x 72" RH Square Entry Door	Polar White

Additional sizes available. Please call for special orders.

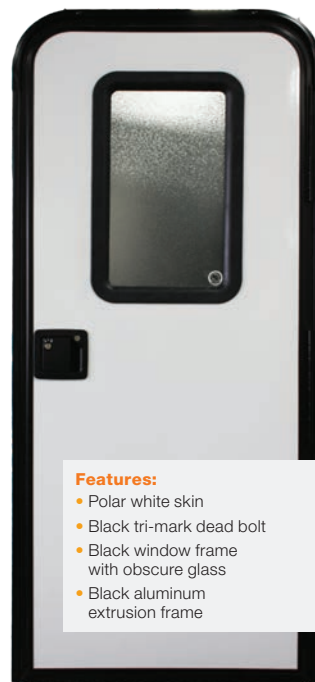


## MOTOR HOME\_ENTRY DOORS

We have the only motorized entry door on the market that is completely certified FMVSS 206. Most door manufacturers only certify their hinges and latches. LCI has made sure that the entire door assembly holds up to the highest standards. Its interior super-substructure adds extra strength and stability.

part no.	description
V000145033	24" x 70" RH Radius Motor Home Entry Door
V000145032	24" x 72" RH Radius Motor Home Entry Door
V000145349	26" x 72" RH Radius Motor Home Entry Door

Additional sizes available. Please call for special orders.





**Entry Door Replacement Parts**

part no.	description
<b>Windows &amp; Glass</b>	
363369	12" x 21" Inner & Outer Window Frame w/ Seal; White
363370	12" x 21" Inner & Outer Window Frame w/ Seal; Black
201495	12" x 21" Obscure Glass Only
<b>Entry Door Latches &amp; Hardware</b>	
239632	Entry Door Latch Kit; White
239631	Entry Door Latch Kit; Black
346692	Entry Door Latch Kit; Chrome
<b>Screen Door Parts</b>	
201471	Screen Door Latch; RH
201472	Screen Door Latch; LH
198287	Screen Door Frame Striker
198252	Screen Door Outside Striker
201478	Screen Door Rubber Bumper
239061	Screen Door Slider Panel w/ Push Down Handle
234101	Motorhome Screen Door Bubble Panel; Clear
326191	76" Snap Trim Screw Cover; White (Cut to needed length)
326192	76" Snap Trim Screw Cover; Black (Cut to needed length)



**Baggage Door Replacement Parts**

part no.	description
227214	Slam Latch Baggage Door Handle
227840	Slam Latch Mounting Plate
346693	Standard Baggage Door Latch Only; Black
227099	Standard Baggage Door Mounting Plate
314302	Standard Baggage Door Edge Cover; Latch Strike
314301	Standard Baggage Door Striker Plate
317649	Standard Baggage Door Latch Kit; Black (includes latch, striker, edge cover, 2 striker screws & 2 latch screws)
213114	7/8" Baggage Door Key Lock; Chrome
213109	1-1/8" Baggage Door Key Lock; Chrome
213116	1-3/8" Baggage Door Key Lock; Chrome
213112	7/8" Baggage Door Turn Latch; Chrome
213108	1-1/8" Baggage Door Turn Latch; Chrome
213117	1-3/8" Baggage Door Turn Latch; Chrome
213107	1-5/8" Cam; 3/8" Upper Offset w/Dimple
213113	1-3/8" Cam; 3/16" Lower Offset w/Dimple
213121	1-3/8" Cam; 1/4" Upper Offset w/Dimple



# AUTOMATICALLY CLOSES THE SCREEN DOOR AND KEEPS PESTS OUT!

“Close the screen door!” How many times have you heard this shouted while RVing? That’s because most RV screen doors DO NOT come with a retracting hinge. With our “junior” RVers constantly going inside and outside, this invites unwanted pests inside your living space.

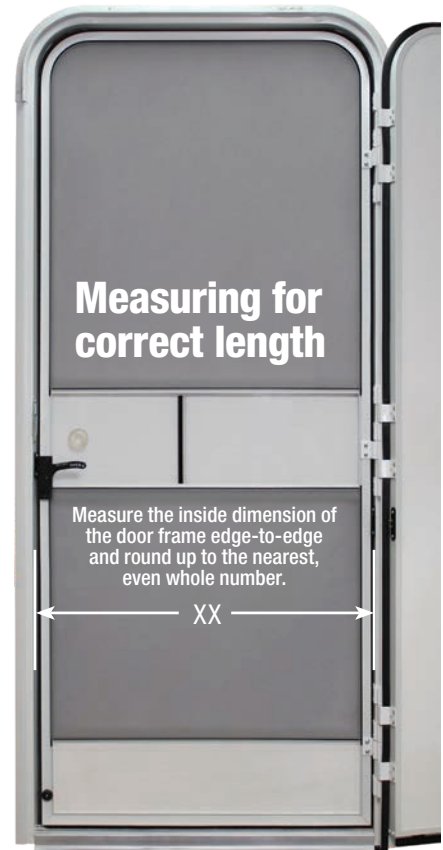
The Screen Shot™ by Lippert Components solves this issue. With its patent pending design, the Screen Shot closes your screen door\* automatically, every time.

How does it work? The Screen Shot is designed to install snugly into the inner channels of your screen door frame, held in place with anchor screws. The Screen Shot’s elastic webbing is affixed directly into the doorjamb, expanding when the door is opened and then pulls the door shut by itself.

## FEATURES

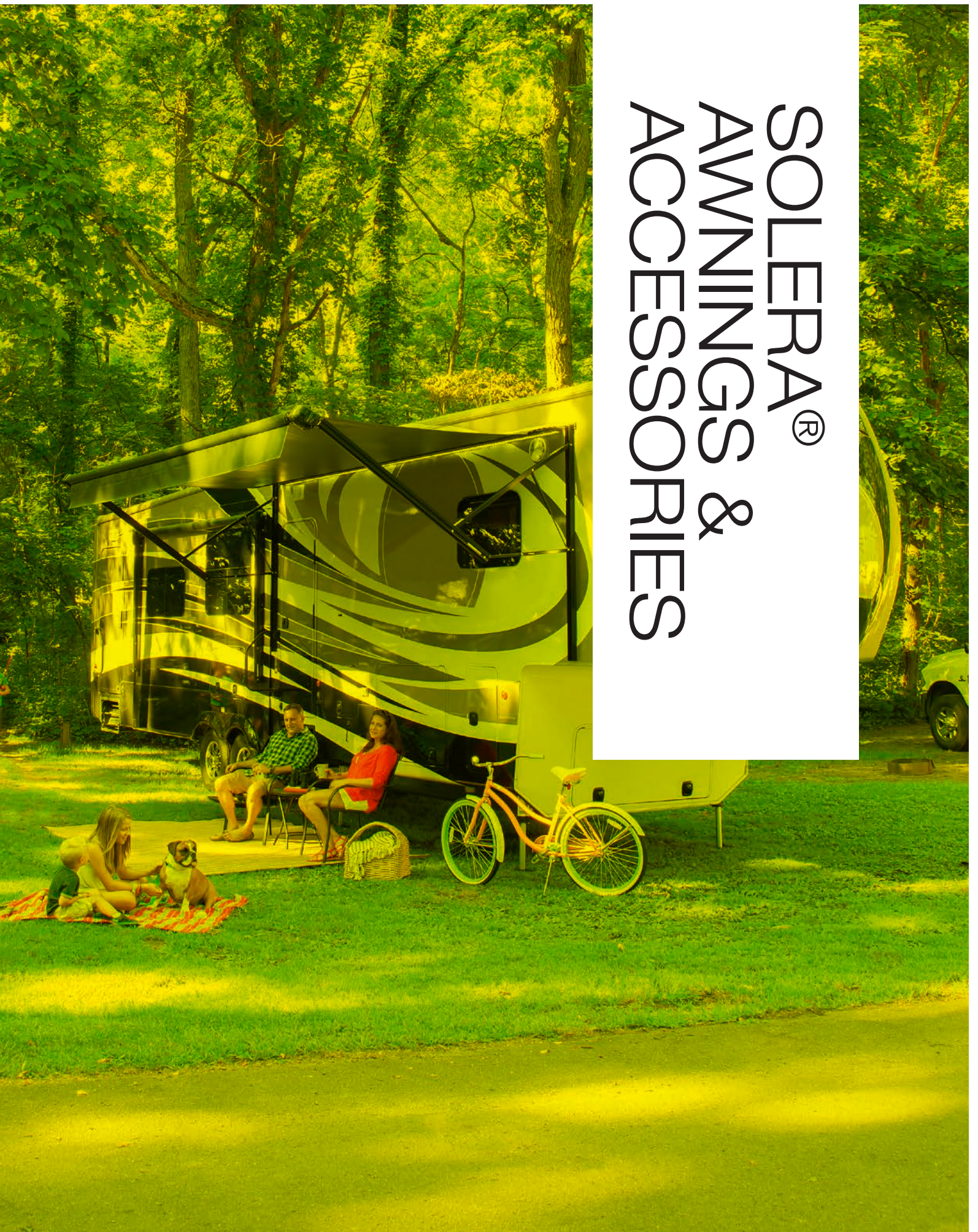
- Patent pending design automatically closes the screen door when left opened
- Keeps unwanted pests out of your living space
- Easy DIY installation
- All required fasteners included
- Fits ONLY Lippert Components entry doors; check the door’s identification sticker, typically located on the entry doors inside frame, before ordering (most LCI entry doors have an LCI decal in the bottom right-hand corner of the entry door window as well)

\*Only for use with Lippert Components right-hand screen doors. Lippert Component’s entry door identification labels are typically located on the entry door’s inside door frame.



part no.	description
730811	Door Frame Width: 22"
730812	Door Frame Width: 24"
730813	Door Frame Width: 26"
730814	Door Frame Width: 28"
730815	Door Frame Width: 30"

SOLERA<sup>®</sup>  
AWNINGS &  
ACCESSORIES





The world's fastest growing  
RV awning brand just got even better

INTRODUCING  
**SOLERA UNIVERSAL**  
2019 AWNINGS & ACCESSORIES

**Solera Universal Arms fit any of these brands:**

**Dometic®\* (A&E)**

Universal Hardware fits the following Dometic® 8' extension awnings models: 8500, 9000, 9100, Sunchaser and Weather Pro



Universal Hardware fits the following Solera 8' extension awnings models: 18V Power, Smart Arm 12V, Hybrid and Classic Manual.

**Carefree™\*\***

Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse

\*Dometic® is a registered mark and logo owned by Dometic Sweden and A&E is a mark used by Dometic Group.  
\*\*Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.

**Making it simple and easy to:**



**POWER UP**

Power Up your mobile lifestyle with the Solera Smart Arm 12V Power or 18V Battery Operated awnings. Save yourself the stress and added time of manually setting up your awning!



**UPGRADE**

Upgrade your current manual or power awning with Solera Universal Hardware! Our Hybrid and Power awnings set up automatically for camping as they extend.



**FIX IT**

Tired of your old manual or power awning? With our newly designed Solera Universal hardware, replacing your broken or worn out awning has never been easier, no matter what awning brand you have.

## Solera Universal Products:

**UNIVERSAL  
SOLERA: CLASSIC**



**UNIVERSAL  
SOLERA: SMART ARM 12V**



**UNIVERSAL  
SOLERA: SHADES**



**UNIVERSAL  
SOLERA: HYBRID**



**UNIVERSAL  
SOLERA: FAMILY ROOM®**



**UNIVERSAL  
SOLERA: 18V POWER**



**UNIVERSAL  
SOLERA: SCREEN ROOM**



**UNIVERSAL  
SOLERA: GROUND  
CENTER SUPPORT**



**UNIVERSAL  
SOLERA: PATIO  
FABRICS**



**UNIVERSAL  
SOLERA: SLIDER  
FABRICS**



**UNIVERSAL  
SOLERA: AWNBRELLA™**



SOLERA AWNINGS

Universal Hardware fits the following Dometic® 8' extension awnings models: 8500, 9000, 9100, Sunchaser and Weather Pro  
Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse

## Solera makes it simple.

These icons help to indicate which Solera awning is right for you.



### UNIVERSAL

This icon represents an available Universal application for your Solera, Dometic® or Carefree™™ awning, fabric or awning accessory.



### POWER UP

This icon represents the ability to Power Up your old manual or power awning hardware with Solera Smart Arm 12V or 18V Battery Operated awning.



### UPGRADE

This icon represents the ability to upgrade your current awning, fabric or awning accessory with Solera's awning components.



### FIX IT

This icon represents a great opportunity to renew and refresh your broken or worn out awning, patio fabric, slide-out topper fabric, screen rooms, family rooms and ground center supports.



### GO LARGE

This icon represents the only solution that gives campers 20% more shade than the standard 8' projection awning. Go Large, and maximize your outdoor living space.

\* Universal Hardware fits the following Dometic® 8' extension awnings models: 8500, 9000, 9100, Sunchaser and Weather Pro. Dometic® is a registered mark and logo owned by Dometic Sweden and A&E is a mark used by Dometic Group.

\*\*Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse. Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.

Choose from these innovative Solera Awning models



SOLERA AWNINGS



-  **UNIVERSAL**
-  **FIX IT**
-  **POWER UP**
-  **UPGRADE**



**18V POWER AWNING**  
**18V Battery Power Pack**

Introducing Solera 18V Power Awnings! Upgrading to a power awning has never been easier! An industry first, the Solera 18V Power Pack features a unique, rechargeable battery that fits right inside your Solera Power Awning arm and comes with everything you need to connect to the motor wire. This is the perfect awning for DIY RVers who don't want to spend the installation dollars to wire a 12V awning into their RV. Better yet, the Solera 18V Power awning extends and retracts faster than other power awnings. Not that you're in a hurry, but who wouldn't want the fastest awning on the planet?



## FEATURES

- Save 1-2 hours of additional installation time as there is no need to wire this directly in to your RV's power supply
- Waterproof switch offers easy, push-button operation
- Auto rain dump feature activates when rain water pools in the canopy, automatically lifting the awning arms to release the pooled water
- Operates 22-25 times before needing a simple plug-in recharge
- Exclusive, quick and simple independent pitch adjustment for relief from the sun at any point in the day
- Faster extend and retract time
- Includes 110V charging kit
- Easy DIY installation; no internal wiring needed to the RV's main power source
- Easy access manual override, an industry first!\* In case of power failure, simply use a power drill to extend or retract your awning in case of power failure
- **NEW!** Universal Solera 18V Power Hardware option allows for an easy UPGRADE on Dometic®\*\* (A&E) and Carefree™\*\*\* manual or power awnings



## HARDWARE

### TALL ARM



#### Adjustable Pitch

- Requires 69" unobstructed area from awning rail straight down
- Requires min. clearance of 2-1/2" between awning rail and top of entry door
- This hardware will roll the awning out to a pre-set pitch for maximum shade and ideal rain runoff
- Two-position pitch

#### Integrated 18V Battery Power Pack



#### 110V Easy Access Charging Adapter



#### AC Adapter plugs in to any 110V outlet



### UNIVERSAL HARDWARE AVAILABLE

Our Universal options fit standard Solera®, Dometic®\*\* and Carefree™\*\*\* patio awning roller bars making Solera the Universal easy choice.



### RV Doctor's Tip:

"Upgrading to a power awning from a manual awning can be pretty labor intensive. Wiring the awning into the RV's main power source can take a technician quite some time. When I saw the new Power Pack option from Lippert Components, my first thought was, "Why didn't I think of that?" The Solera 18V Power Pack option is most definitely the easiest way to get out of the Stone Age and upgrade to a power awning, folks."

\*Manual override not available on 2017 Forest River Cherokee

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**THE FIRST EVER PROGRAMMABLE PATIO AWNING FOR YOUR RV OR TRAILER IS HERE.**

**A 12V Power Extend and Retract Operation**  
Use either the nested arm controller or traditional switches for extend and retract operation. Traditional switches will override Smart Arm's exterior controller.

**B Standard Awning Rail Lighting**  
Can be activated from the Smart Arm's nested controller without having to go inside the coach. Awning lights can be permanently set to on or off by simply pressing the lighting button. Light button is also used to activate infrared security option and 3-Stage Lighting! With the simple push of a button you can set your Awning Rail Lighting strip to various strengths ranging from 20%, 45% and 100%.

**C Multi-Level Wind Sensing Technology**

- Awning automatically retracts when inclement weather arrives.
- Toggle between three different levels of wind sensitivity, or completely deactivate the wind sensor altogether.

**D One-Touch Safety Lock Button**  
Allows full access to all Smart Arm features. In order to change any setting on the Smart Arm, or even to operate the Smart Arm, the one-touch safety lock button must be initiated. Smart Arm's safety lock ensures that your settings are just how you left them.

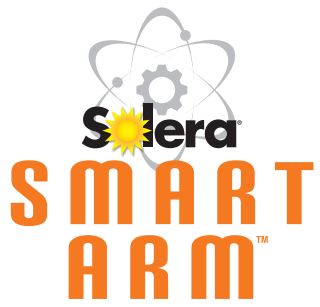
**E Infrared Security System**  
Arming the infrared security system provides peace and comfort when you're asleep. This feature will activate the optional IR Photocell Sensor providing added security and convenience. The awning lights will illuminate in the automatic setting when the photocell senses heat and motion.

OPTIONAL ADD-ON

OPTIONAL ADD-ON

SOLERA® AWNINGS

- UNIVERSAL**
- FIX IT**
- POWER UP**
- UPGRADE**



**SMART ARM 12V AWNING**  
Programmable Patio Awning

The first ever programmable patio awning for your RV or trailer is here. The Solera Smart Arm 12V Power Awning incorporates several intelligent features sure to enhance everyone's camping experience. Best of all, these new features are all accessible from a weatherproof controller built right into the awning arm itself, making for easy and convenient access without having to go inside the RV to operate the switches. It's not called the Smart "ARM" for nothing!

## FEATURES

- 12V Power Extend and Retract Operation
- Multi-Level Wind Sensing Technology Prepped
- One-Touch Safety Lock Button
- Infrared Security System Prepped
- Low Voltage Indicator
- 3-Stage Lighting
- Optional Awning Rail Lighting
- Universal Hardware option allows for an easy UPGRADE on Dometic®\* (A&E) and Carefree™\*\* manual or power awnings

## HARDWARE

### SHORT ARM

#### Adjustable Pitch

- Requires 63" unobstructed area from awning rail straight down
- Requires min. clearance of 6" between awning rail and top of entry door
- This hardware will roll the awning out to a pre-set pitch for maximum shade and ideal rain runoff

### TALL ARM

#### Flat Adjustable Pitch

- Requires 69" unobstructed area from awning rail straight down
- Requires min. clearance of 2-1/2" between awning rail and top of entry door
- This hardware will roll the awning out flat to allow for clearance over slides, and allows quick and easy pitch adjustment at either side of the awning



### WIND SENSOR KIT

- Awning automatically retracts if severe wind is detected, based on the wind setting level programmed by the operator.
- The wind sensor has three different levels of wind sensitivity that can be easily selected or completely deactivated altogether.



### SECURITY SENSOR

Arming the infrared security system provides peace and comfort when you're asleep. This feature will activate the optional IR Photocell Sensor providing added security and convenience. The awning lights will illuminate in the automatic setting when the photocell senses heat and motion.

- Easy installation into your Smart Arm Touch Pad
- Simple one button operation on-off



### UNIVERSAL HARDWARE AVAILABLE

Our Universal options fit standard Solera®, Dometic®\* and Carefree™\*\* patio awning roller bars making Solera the Universal easy choice.



**RV Doctor's Tip:** "One RVer recently asked me, "I have an old Dometic power awning. Is it worth switching to the Solera Power Awning?" The short answer is, yes. There are several advantages to a Solera Power Awning that the other two brands don't offer, but one stands out to me above the rest. How many times have you run your batteries dry? I know I have. If this happens when your awning is out, you could have a problem on your hands, but not with Solera. With it's easy to use manual override function, simply roll your awning back in with a power drill and you're ready to hit the road. The other brands' manual operation isn't so easy. There's a great video on YouTube showing all three awnings being manually retracted – you should check it out. The video will show you that not all power awnings are created equal."

\*Universal Hardware fits the following Dometic® 8' extension awnings models: 8500, 9000, 9100, Sunchaser and Weather Pro Dometic® is a registered mark and logo owned by Dometic Sweden and A&E is a mark used by Dometic Group.

\*\*Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.



**FIX IT**



**POWER UP**



**UPGRADE**



**GO LARGE**



**XL 12V POWER AWNING**  
**Extended Shade and Relief From the Sun**

The Solera XL Awning features an industry first 9' 8" projection, making it perfect for taller RVs and RVs with a slide-out under the awning. Class A motorhomes, fifth-wheel and toy hauler RVs continue to get taller and taller, so it can be difficult to get the shade you need from a standard 8' projection awning. Not only that, but many brands now feature slide-outs under the awning, which can really limit your shaded patio area. Choose a Solera Power XL Awning to enjoy 20% more shade than a standard 8' projection pitch! Featuring an adjustable projection pitch sleeve, the Solera XL Awning can be pitched at multiple points to block the sun at any time of day. The two-stage projection pitch arms also provide added strength and support for your awning, making the XL Awning one of the best values on the market.

## FEATURES

- 9'8" projection offers 20% more shade than standard 8' projection awnings
- Push-of-a-button, automatic 12V operation from inside or outside your RV
- Adjustable two-position pitch arms provide added strength and offer multiple adjustments, offering shade at any time of day

*NOTES: Solera XL arms require XL roller assemblies.  
Vinyl and Acrylic with Solera Shield not available on XL awnings.  
18V Battery Power Pack not available for Solera XL awnings.*



THE FIRST! **XL 9'8"** PROJECTION

## HARDWARE

### XL ARM XL

#### Flat Adjustable Pitch

- Requires 78" unobstructed area from awning rail straight down
- Requires min. clearance of 4-1/2" between awning rail and top of entry door
- This hardware is configured to operate a 9'-8" projection canopy. It will roll the awning out flat to allow for clearance over slides, and allows quick and easy pitch adjustment at either side of the awning
- Two-position pitch

**20%  
MORE  
SHADE**

### SOLERA: **AWNBRELLA™**



### **XL & STANDARD SIZES AVAILABLE**

- Adjustable rust-resistant aluminum bows
- Keeps canopy from flapping in the wind
- Increases clearance over entry door
- Prevents canopy from sagging
- Stops water from pooling
- Enhances appearance



**Gary Bunzer**  
The RV Doctor &  
RV Hall of Fame Member

### RV Doctor's Tip:

"Every year, I walk the National RV Show in Louisville, and the RVs always seem to be getting bigger, taller and have more slide-outs. 8' projection awnings just don't cut it in some cases anymore, so the Solera Power XL Awning is a perfect solution for those RV owners. **Solera also offers the Awnbrella tensioner bars in XL sizes too, so your awning fabric can be kept tight and arched while you're at the campsite.**"



**DON'T JUST  
REPLACE.  
EXPAND  
YOUR  
OUTDOOR  
LIVING  
AREA BY  
20%  
with the  
SOLERA  
DESTINATION  
9'8" projection  
canopy!**



**FIX IT**



**UPGRADE**



**GO LARGE**



**DESTINATION AWNING**  
**Big Carport-Sized Shade & Shelter**

Destination campers (or seasonal campers) who setup camp for extended stays will love the Solera Destination Awning. With 20 percent more shaded area compared to standard 8' projection awnings, the 9'8" Solera Destination Awning is the ultimate solution when you need added living space. Not only does the Destination awning provide extra shade, it also comes with a center ground support, a Solera Shield to protect the vinyl canopy and Solera Awmbrellas™ to keep the fabric arched and taut to minimize wind flap and enable rain runoff.

## FEATURES

- 9'8" projection offers 20% more shade than standard 8' projection awnings
- Manual spring assist operation
- Includes Solera Awmbrella fabric tensioning bars
- Includes center ground support bar
- Includes standard Solera Shield fabric protector
- Arms detach from bottom bracket and easily swing to "carport" position providing varied pitch options to block the sun at any time of the day



## HARDWARE

### DESTINATION 9'8" PROJECTION

#### Flat Adjustable Pitch

- Requires 78" unobstructed area from awning rail straight down
- This hardware will roll the awning out flat to allow for clearance over slides, and allows quick and easy pitch adjustment at either side of the awning
- Multiple adjustments for shade

## UPGRADED STANDARD FEATURES!

### SOLERA: AWNBRELLA



### SOLERA: SHIELD



### SOLERA: GROUND SUPPORT



### RV Doctor's Tip:

"Seasonal campers, take note. The Solera Destination Awning is what you've been waiting for. Not only do you get 20% more shade, but the included Awmbrella tensioning arms allow you to rest easy. Wind and rain are no longer a big deal. The Awmbrella arms keep the fabric tight and arched so wind won't catch the awning as easily and water runs off without having to pitch the awning."



**UNIVERSAL**



**FIX IT**



**UPGRADE**



**SOLERA: HYBRID**  
**Sets Up & Stores Automatically as you Crank**

The Solera Hybrid Awning combines the best of both worlds. Featuring a simple crank operation, the Solera Hybrid Awning extends and retracts just like a Power Awning, except you supply the power. The next best thing to a fully powered awning, the Hybrid allows you to skip the potential hassle and installation cost of running wiring and acts as a do-it-yourself upgrade from a manual spring-loaded awning.



## FEATURES

- Simple crank operation makes for fast one-step setup
- Auto rain dump feature – if water pools in the canopy, the arms will release it
- Exclusive, quick and simple independent pitch adjustment – enjoy full or partial extension
- Designed to provide optimum pitch when used over slide-outs
- Includes crank wand
- **NEW!** Universal Solera Hybrid hardware allows for an easy and inexpensive upgrade from Dometic®\* (A&E) and Carefree™\*\* spring-assisted patio awnings



## HARDWARE

### SHORT ARM



#### Adjustable Pitch

- Requires 60-1/2" unobstructed area from awning rail straight down
- Requires min. clearance of 6" between awning rail and top of entry door
- This hardware will roll the awning out to a pre-set pitch for maximum shade and ideal rain runoff
- Two-position pitch

### TALL ARM



#### Flat Adjustable Pitch

- Requires 69" unobstructed area from awning rail straight down
- Requires min. clearance of 2-1/2" between awning rail and top of entry door
- This hardware will roll the awning out flat to allow for clearance over slides, and allows quick and easy pitch adjustment at either side of the awning
- Infinite adjustment



### UNIVERSAL HARDWARE AVAILABLE

Our Universal options fit standard Solera®, Dometic®\* and Carefree™\*\* patio awning roller bars making Solera the Universal easy choice.



**Gary Bunzer**  
The RV Doctor &  
RV Hall of Fame Member

### RV Doctor's Tip:

"Traditional spring-assisted awnings have been around forever. Veteran campers can set these awnings up in a matter of minutes, but for those new to camping, setup can be a little difficult. The Solera Hybrid Awning is perfect for those campers who don't want to make the jump to a power awning, but also want something easier to extend and retract. If this is the case, press the "easy button," and get yourself a Solera Hybrid. You get the best of both worlds!"

\*Universal Hardware fits the following Dometic® 8' extension awnings models: 8500, 9000, 9100, Sunchaser and Weather Pro Dometic® is a registered mark and logo owned by Dometic Sweden and A&E is a mark used by Dometic Group.

\*\*Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.



SOLERA® AWNINGS



UNIVERSAL



FIX IT



UPGRADE



**SOLERA: CLASSIC**  
**Traditional Manual Spring Roll Up**

Classic design, classic operation. Solera Classic's manual spring-assisted design has been an industry favorite for decades. The rugged Solera Classic extends and retracts in just a few easy steps. Simply release the travel locks on each arm, loosen the rafter knobs, use the pull cane to unlock the roller, then hook the pull strap and walk it out to unroll the awning. Once extended, set the tension, tighten rafter knobs and raise the awning arms to whatever pitch you want for shade and water runoff. You can also detach the arms from the bottom bracket and rotate them to a vertical "carport" position. This carport position makes it easy to attach accessories like the Solera Screen Room and Solera Family Room®.

## FEATURES

- Traditional manual spring-assisted roll up operation
- Arms detach from bottom bracket and easily swing to “carport” position providing varied pitch options to block the sun at any time of the day
- Great value for replacing any Dometic®\*, Carefree™\*\* or Solera® spring-loaded manual awning
- Simple standard manual operation: Unlock with included wand, unroll with strap, set the braces and raise the arms
- **NEW!** Universal hardware now makes Solera the easy choice for repairing or replacing your old spring-assisted patio awning. Solera Universal Classic Hardware fits into Dometic®\* (A&E) and Carefree™\*\* roller assemblies with ease



## HARDWARE

### SHORT ARM



- Rail to floor line 63"-68" from awning rail straight down

### STANDARD ARM



- Rail to floor line 68"-81" from awning rail straight down

### LONG ARM



- Rail to floor line 81"-96" from awning rail straight down



### UNIVERSAL HARDWARE AVAILABLE

Our Universal options fit standard Solera®, Dometic®\* and Carefree™\*\* patio awning roller bars making Solera the Universal easy choice.



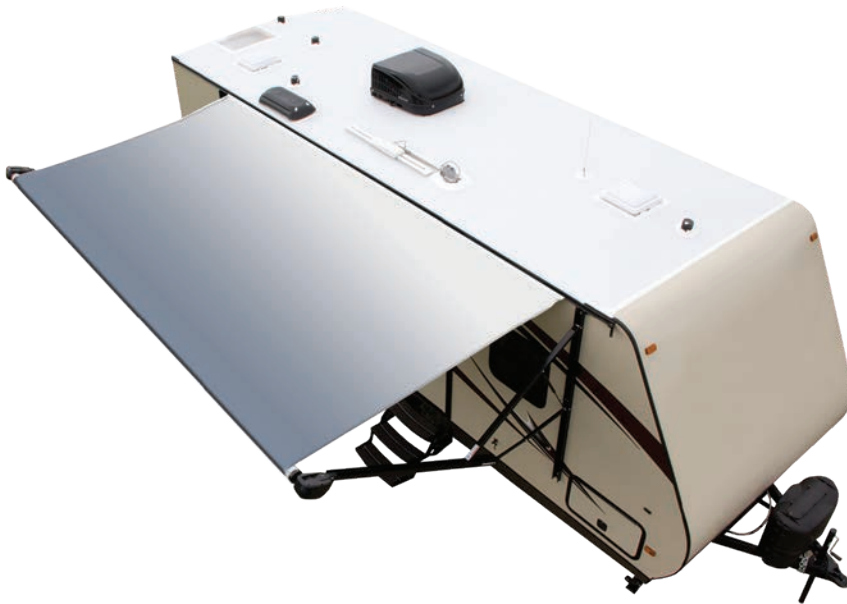
### RV Doctor's Tip:

"Most RVers love these spring-assisted awnings because of the “carport” set-up option. This is great if you plan on spending extended periods of time at the campsite. When the legs go all the way to the ground, there is no pitch adjustment option, so water pooling can become an issue. No problem there folks – the Solera Awmbrella™ tensioning arms are easy to install and keep your awning fabric taut and arched so water slides right off the awning. Problem solved!"

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\*\*Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.

## SOLERA®\_UNIVERSAL FABRIC OPTIONS



**UNIVERSAL**

Fit to Solera, Dometic®\* & Carefree™\*\*



**FIX IT**

Replace your old moldy fabric



**UPGRADE**

Maintenance-Free Acrylic Fabric

























### SOLERA: UNIVERSAL PATIO FABRICS

Solera's premium awning replacement fabric is head and shoulders above other brands with super heavy-duty materials, a **5-year warranty**, heat-welded seams and more. Our canopy fabric also features an integrated light track so you can easily add the Solera Fabric Light Kit and enjoy LED lighting at the campsite.

### FEATURES

- **5-year warranty** vs. 1-year with the competition
- Universal - it works with all three major awning brands
- Welded, state-of-the-art construction at critical points of the patio awning
- Premium 13.5 oz fabric used, not 10 oz base fabric
- Great colors to match your RV, and ability to customize your rig
- Our canopy fabric features an integrated light track so you can easily add the Solera Fabric Light Kit to illuminate up your patio

	 Solera <small>A Scott Fetzer Company</small>	Carefree™**	Dometic®*
Heavy-duty 13.5 oz fabric			
5-year prorated warranty	 5-year	 1-year	 1-year
Integrated track for LED Light Kit attachment			
Heat-welded fabric seams prevent leaks			
Universal fit for all awnings			
Same day shipping (in by 12:00PM EST, out same day)			
Free standard UPS shipping in the continental United States			

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\*\*Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.



**SELECT FROM THESE PATIO AWNING REPLACEMENT CHOICES:**



**All vinyl**

- Heavy-duty 13.5 oz fabric
- Cold-crack tested to -25° F
- Nine color choices

*NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white*



**Solid Black BKSOLID**



**White Fade WHWG**



**Black Fade BKWG**



**Sand Fade BKWG**



**Sand Fade WHWG**



**Burgundy Fade WHWG**



**Blue Fade WHWG**



**Silver Fade WHWG**



**Green Fade WHWG**

**SOLERA®\_UNIVERSAL SLIDE TOPPER FABRIC**



**SOLERA: UNIVERSAL SLIDE TOPPER FABRIC**

Stop wasting time by custom ordering slide topper fabric every time you get an order, and save room for more inventory! Our Slide Topper Replacement Fabric boxes are compact yet durable and are a UNIVERSAL fit, meaning no more guesswork when it comes to replacing slide topper fabric. Works with: Solera, Dometic®\* and Carefree™.\*\*

**See your local dealer for options**



SOLERA® AWNINGS

**FEATURES**

- Our slide topper fabric is universal, fitting all three major patio awning brands
- Premium, 13.5 oz fabric - not the competition's 10 oz fabric
- Best of all, we offer a cut-to-fit option in a “Kleenex” style box, complete with easy-to-use roller. Just extend out the amount of fabric you need and cut
- Roll stays in place with plastic reel (competitors do not offer this)

The box includes plastic reels that strengthen the box for shipment and hold the fabric in place, allowing for easy roll out

Standard 13.5 oz vinyl fabric

Perforation lets you easily pull out the fabric you need, safely keeping the rest of the fabric in the box and protected

Heated wedge welding fuses vinyl together for strong, leak-resistant seams

The fabric box stays closed after each use, protecting it from dirt, grime and other elements that could damage the product

Available in Black and White

	Carefree™**	Dometic®*
	10 oz only	10 oz only

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## SOLERA: SLIDE TOPPERS


UPGRADE

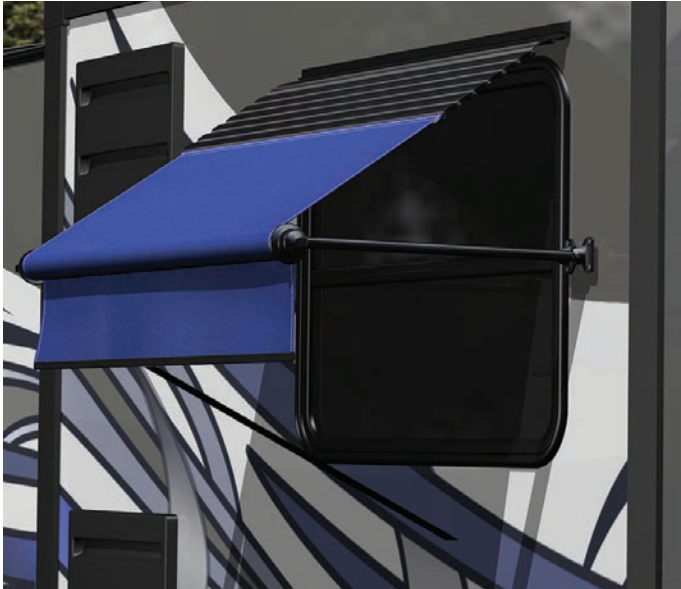


Give your slide-outs extra protection from debris and water infiltration with Solera Slide Toppers. These attractive and economical slide-out awnings automatically retract and extend with your slide-out and prevent leaves, bird droppings, branches and more from damaging slide-out seals.

### FEATURES

- Attractive and economical protection for your slide-out
- Full coverage over the slide-out roof and the RV sidewall slide-out opening
- Blocks leaves, bird droppings, branches and debris
- Automatically retracts and extends with slide-out
- Fits slides ranging from 66" to 192" long and extending up to 48"
- Comes complete with awning rail and all mounting brackets
- Choose from multiple fabric colors

		Competitor A	Competitor B
Fits slide-outs ranging from 66" to 192" in length	✓	✓	✗
(1) Part number that comes complete with awning rail, topper and all mounting brackets	✓	✗	✗
Multiple colors and options available	✓	✗	✗
Standard 13.5 oz vinyl fabric	✓	✗	✗
No anti-billowing device needed	✓	✗	✗
Heated wedge welding fuses vinyl together for strong, leak-resistant seams	✓	✗	✗
Accommodates slide-outs up to 48" wide	✓	✗ 42"	✗ 42"
Flexible placement; can be installed up to five inches above slide box trim	✓	✗	✗



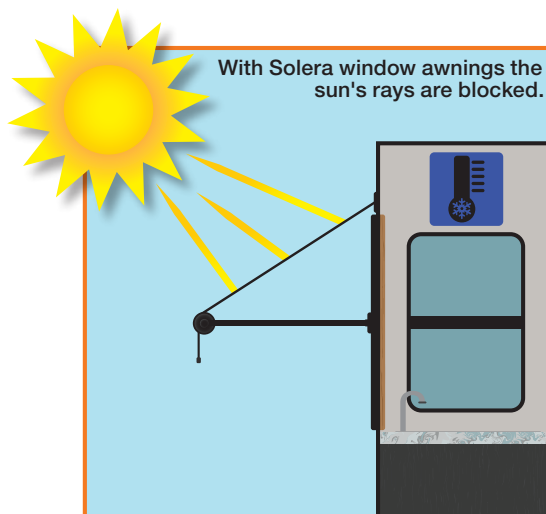
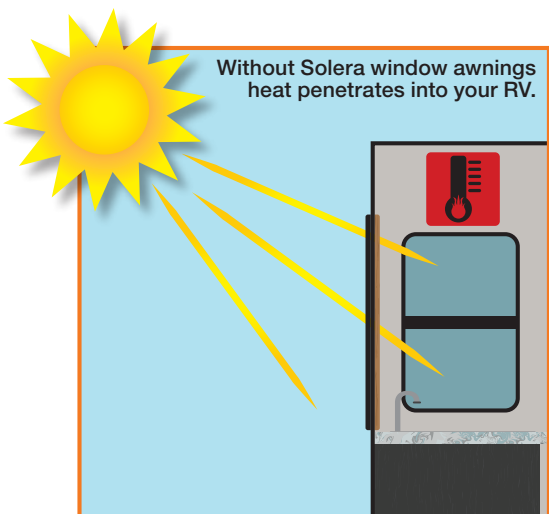
### SOLERA: WINDOW AWNINGS

**UPGRADE**



Keep the heat out, and save on AC with Solera Window Awnings. Just use the pull cane to hook the pull strap, and pull to extend the awning. Secure the strap loop onto a hook on the RV wall to keep the awning extended. Go for the best value and the best look, and cover two windows with one window awning. Solera window awnings are available in standard arm and canopy sizes for windows that are under 33" in height and in XL sizes for windows over 33". Standard window awning arms are 18" long so they'll have an 18" projection, and XL window awning arms are 30" long so they'll have a 30" projection. Order arms and roller separately.

### KEEP THE HEAT OUT AND SAVE ON AC







SOLERA® AWNING

**SOLERA: AWNBRELLA**

Give your awning extra support and a better angle for water runoff with the Solera Awnbrella. Perfect for destination campers who like to leave the awning extended for long periods, the patented rust-resistant aluminum bows hold fabric taut and arched so water doesn't pool and debris can easily run off. Now you won't have to camp with one end of your awning pitched lower than the other end. Solera Awnbrella's also complement Solera Screen Rooms and Family Rooms.

**FEATURES**

- Adjustable rust-resistant aluminum bows
- Keeps canopy from flapping in the wind
- Increases clearance over entry door
- Prevents canopy from sagging
- Stops water from pooling
- Enhances appearance

awning width	number of boxes needed (total arms)
between 10' - 14'	1  (total 2 arms)
between 14' - 18'	1  (total 3 arms)
between 18' - 22'	2  (total 4 arms)
between 22' - 27'	1  + 1  (total 5 arms)



UNIVERSAL



UPGRADE



### SOLERA: CLASSIC FRONT AND SIDE SHADES

Perfect for all awnings, the one-piece, black Solera Front Shade is easy to slide into your awning roller tube whenever you need a little extra shade, privacy or wind block. Solera Front Shade panels are available in 8', 10', 13', 15', 17' & 19' widths, each with a 6' screen height. The Solera Front Shade kit includes spikes and tie downs so you can secure it to the ground. The entire kit stores neatly in the included storage bag when not in use. Front and side shades sold separately.

*Available in black plastic only.*



### SOLERA: SUPER SHADE®

Many of the larger RV's today have patio awnings that are too high to reach when they are fully extended, and that's why we created the Solera Super Shade! The two-piece, black Solera Super Shade features a standard 6' shade height that easily zips into a Super Shade extension and can be permanently installed into your awning's roller tube.

*NOTE: Must order both Super Shade Side Panels and Super Shade of same drop length to make a complete Super Shade kit. Solera Super Shade is available for standard 8' extension patio awnings only; not compatible with Solera XL awnings.*

*Available in black plastic only.*

The Super Shade extension can be ordered in five sizes that would provide either a 6', 7', 8', 9' or 10' total screen height. Order the Super Shade extension height based on how high your patio awning is from the ground to the roller tube while fully extended. For example, if your patio awning measures 10' high from ground to roller tube, order the 10' Super Shade. The Solera Super Shade comes in 10', 13', 15', 17' & 19' widths.



### SOLERA: FAMILY ROOM®

Turn the space under your awning into an enclosed outdoor patio with the Solera Family Room kit. Add up to 160 square feet of enclosed space so you can enjoy meals minus pesky insects. Or roll down the all-weather panels and use as a cozy sleeping area for kids.

#### FEATURES

- Lightweight gray fabric complements any RV color scheme
- Fits most 10'–21' manual and power awnings
- Accommodates RVs with awning rail-to-ground measurement up to 130"
- Fits 8' extension Solera, Dometic® and Carefree™™™ awnings
- Measure center of arm to center of arm to determine room size needed



### SOLERA: SCREEN ROOM

Keep the bugs out and enjoy the breeze with the Solera Screen Room. Its neutral tan material helps to block out extra heat, making the Solera Screen Room perfect for outdoor dining, board games and social gatherings on hot summer days.

#### FEATURES

- Fits most 10'–21' manual and power awnings
- Accommodates RVs with awning rail-to-ground measurement up to 130"
- Fits 8' extension Solera, Dometic® and Carefree™™™ awnings
- Measure center of arm to center of arm to determine room size needed



#### UNIVERSAL SHADES AND ROOM FIT:

- Solera 8' Extension Classic, Hybrid and Smart Arm 12V and 18V Power
- Dometic® (A&E) 8' Extension 8500, 9000, 9100, Sunchaser and WeatherPro Awnings
- Carefree™™™ 8' Extension Spirit, Fiesta, Simplicity, Traveler and Eclipse Awnings

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\*\*Universal Hardware fits the following Carefree™™™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse Carefree™™™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.



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UPGRADE

**SOLERA: SCREEN ROOM**



**SOLERA: FAMILY ROOM®**



**Solera Screen Room and Family Room™ Comparison**

SOLERA® SCREEN ROOM	SOLERA® FAMILY ROOM	DOMETIC® ROOM (PATTY O'ROOM™)	CAREFREE™™™ BUENA VISTA	CAREFREE™™™ VACATION'R
Easy set-up	Easy set-up	Hard to set-up	Harder to set-up, there are some small pieces that you have to connect to the room during set up. Takes longer to set-up	Harder to set up, there are some small pieces that you have to connect to the room during set up. Takes longer to set-up
Only screen/mesh room on the market. Perfect addition to your awning when you are not looking for an all weather room	Fully zippered privacy panels that keep out the wind and rain	This is an all weather room. To fit different sized awnings you have to buy zippered inserts. This means you can have several zippers in the screen that obstruct your view	Includes panels that cover screen	Includes panels that cover screen
Fits manual and 12V power awnings (with vertical arms) with awning rail to ground measurements of 101" to 130"	Fits manual and 12V power awnings (with vertical arms) with awning rail to ground measurements of 101" to 130"	Doesn't work well with 12V awnings. The room has rafter poles that hold the side panels under the awning. On 12V awnings that do not have a pitch, the awning can fill up with water and collapse	Fits manual and 12V power awnings (with vertical arms) with awning rail to ground measurements of 86" to 120". At the 120" maximum height you miss a lot of business	Fits manual and 12V power awnings (with vertical arms) with awning rail to ground measurements of 86" to 138", leaving lots of excess material on the ground
Neutral khaki mesh material keeps the space cool and doesn't attract heat	Cool gray polyester	Available in white vinyl only	Gray polyester	Gray polyester
Available to fit awnings 10' to 21' long in 1' increments	Available to fit awnings 10' to 21' long in 1' increments, this is a <b>BIG PLUS – NEVER SETTLE FOR A ROOM SMALLER THAN YOUR AWNING WITH SOLERA'S 1' INCREMENTS.</b>	Available to fit awnings 10' to 21' long in 2' increments. The room will be 1 foot short on some awnings	Available to fit awnings 10' to 21' long in 2' increments. The room will be 1 foot short on some awnings	Available to fit awnings 10' to 21' long in 2' increments. The room will be 1 foot short on some awnings
Lightweight, stores in 1 bag	Lightweight, stores in 1 bag	Heavy room, stores in 2 bags	Lightweight, stores in 1 bag	Lightweight, stores in 1 bag
Does not interfere with the rain dump feature of a 12V powered awning	Does not interfere with the rain dump feature of a 12V powered awning		Does not interfere with the rain dump feature of a 12V powered awning	Does not interfere with the rain dump feature of a 12V powered awning

\*Dometic® is a registered mark and logo owned by Dometic Sweden and A&E is a mark used by Dometic Group.

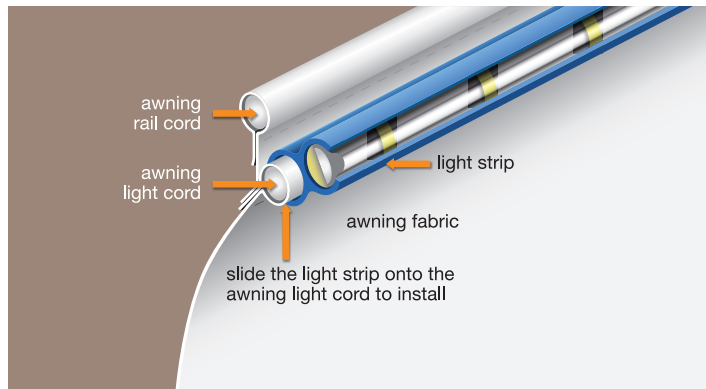
\*\*Carefree™ and the Carefree logo are a mark and logo used by Carefree of Colorado, member of The Scott Fetzer Co.



### SMART ARM WIND SENSOR KIT

Multi-Level Wind Sensing Technology

- Awning automatically retracts if severe wind is detected, based on the wind setting level programmed by the operator.
- The wind sensor has three different levels of wind sensitivity that can be easily selected or completely deactivated altogether.



### FABRIC LIGHT KIT

Destination Awning models and patio replacement fabrics feature an integrated light cord sewn right into the awning hem. The flexible Solera Fabric Light Kit slides into the light cord by the coach side wall and under the awning. The innovative design allows you to enjoy dramatic lighting outside the RV when the awning is extended or retracted.



### GROUND SUPPORT

Commonly lost or damaged, Solera Ground Support bars fit all three major awning brands. This aids you in support for the awning roller and allows more stability when you add screen rooms and family rooms to your awning. Stabilize your awning and prevent the roller from sagging with Solera Ground Support.



### AWNING CRADLE SUPPORT

The Awning Cradle Support works with power or manual awnings to support the roller assembly when in the travel position; support automatically accepts and releases the roller assembly as it extends and retracts.

## HOW TO ORDER UNIVERSAL HARDWARE

### SOLERA: UNIVERSAL HARDWARE

#### SOLERA: 18V POWER

arm type	arm size	universal white hardware	universal black hardware
Tall Arm, Infinite Pitch	69"	434730	434729

NOTE: One part number includes a set of 2 arms

#### SOLERA: SMART ARM 12V

arm type	arm size	universal white hardware	universal black hardware
Short Arm	63"	759404	759516
Tall Arm	69"	759405	759517

#### SOLERA: HYBRID

arm type	arm size	universal white hardware	universal black hardware
Short Arm, Two-Position Pitch	60"-1/2"	434726	434725
Tall Arm, Infinite Pitch	69"	434728	434727

NOTE: One part number includes a set of 2 arms

#### SOLERA: CLASSIC

arm type	arm size	universal white hardware	universal black hardware
Short Arm	63"-68"	434716	434715
Standard Arm	68"-81"	434718	434717
Long Arm	81"-96"	434720	434719

NOTE: One part number includes a set of 2 arms

**SOLERA: UNIVERSAL 18V POWER, SMART ARM 12V AND HYBRID**

1. Measure the area where you want to mount the Solera awning, making sure the awning will not interfere with windows and doors.
2. Taking that measurement, order that size Awning Roller Assembly, and choose your desired vinyl color. Use the Awning Roller guide for 12V Power, Hybrid, & Power 18V Battery to select the correct part number.
3. Measure the distance from the awning rail down the side wall to order the correct arms from the arm guide. You will need to have 1 part number for the awning roll and 1 part number for the hardware selected for a complete order.

**SOLERA: 18V POWER**



arm type	arm size	universal white hardware	universal black hardware
Tall Arm, Infinite Pitch	69"	434730	434729

NOTE: One part number includes a set of 2 arms

**SOLERA: SMART ARM 12V**



arm type	arm size	universal white hardware	universal black hardware
Short Arm	63"	759404	759516
Tall Arm	69"	759405	759517

NOTE: One part number includes a set of 2 arms

**SOLERA: HYBRID**



arm type	arm size	universal white hardware	universal black hardware
Short Arm, Two-Position Pitch	60-1/2"	434726	434725
Tall Arm, Infinite Pitch	69"	434728	434727

NOTE: One part number includes a set of 2 arms

**Standard 8' Projection Vinyl Roller Assemblies for 18V Power, Smart Arm 12V and Hybrid**

length	solid black BKSOLID	black fade BKWG	white fade WHWG	sand fade BKWG	sand fade WHWG	burgundy fade WHWG	blue fade WHWG	silver fade WHWG	green fade WHWG
10'	V000211447	V000211446	V000211450	V000231492	V000231508	V000286883	V000286908	V000307065	V000344965
11'	V000256341	V000211452	V000213035	V000223158	V000223153	V000286885	V000286909	V000342917	V000344966
12'	V000231439	V000211455	V000211457	V000223159	V000223177	V000286886	V000286910	V000342918	V000344969
13'	V000211460	V000211459	V000211462	V000223160	V000223178	V000286887	V000286911	V000342919	V000344970
14'	V000211468	V000211466	V000211475	V000223161	V000223179	V000286888	V000286912	V000324187	V000344971
15'	V000231442	V000211480	V000211483	V000223162	V000223185	V000286889	V000286914	V000312456	V000344972
16'	V000211487	V000211486	V000211492	V000223163	V000223189	V000286890	V000286915	V000342920	V000344973
17'	V000231446	V000211498	V000211502	V000223165	V000223190	V000286891	V000286916	V000342921	V000344974
18'	V000211506	V000211505	V000211510	V000223170	V000223191	V000286892	V000286920	V000342922	V000344975
19'	V000211513	V000211512	V000211514	V000231497	V000231519	V000286893	V000286921	V000342924	V000344976
20'	V000211518	V000211517	V000211523	V000231498	V000231520	V000286894	V000286922	V000342925	V000344977
21'	V000211532	V000211531	V000254845	V000255587	V000266033	V000286895	V000286924	V000324185	V000344978

NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white

## HOW TO ORDER\_UNIVERSAL HARDWARE

### SOLERA: UNIVERSAL CLASSIC MANUAL PATIO AWNINGS

1. Measure the area where you want to mount the Solera awning, making sure the awning will not interfere with windows and doors.
2. Taking that measurement, order that size Awning Roller Assembly, and choose your desired vinyl color. Use the Awning Roller guide for Classic Manual to select the correct part number.
3. Measure the distance from the awning rail down the side wall to order the correct arms from the arm guide. You will need to have 1 part number for the awning roll and 1 part number for the hardware selected for a complete order.

### SOLERA: CLASSIC



arm type	arm size	universal white hardware	universal black hardware
Short Arm	63"-68"	434716	434715
Standard Arm	68"-81"	434718	434717
Long Arm	81"-96"	434720	434719

NOTE: One part number includes a set of 2 arms

### Standard 8' Projection Vinyl Roller Assemblies for Classic Manual Patio Awnings

width	solid black BKSOLID	black fade BKWG	white fade WHWG	sand fade BKWG	sand fade WHWG	burgundy fade WHWG	blue fade WHWG	silver fade WHWG	green fade WHWG
10'	V000343115	V000343034	V000343000	V000343059	V000343048	V000343071	V000343090	V000343101	V000344991
11'	V000343114	V000343033	V000343001	V000343058	V000343047	V000343070	V000343089	V000343100	V000344992
12'	V000343113	V000343032	V000343002	V000343057	V000343046	V000343069	V000343088	V000343099	V000344993
13'	V000343112	V000343031	V000343003	V000343056	V000343045	V000343068	V000343087	V000343098	V000344994
14'	V000343111	V000343030	V000343004	V000343055	V000343044	V000343067	V000343085	V000343097	V000344995
15'	V000343109	V000343029	V000343005	V000343054	V000343043	V000343065	V000343083	V000343096	V000344996
16'	V000343108	V000343027	V000343006	V000343053	V000343042	V000343064	V000343080	V000343095	V000344997
17'	V000343107	V000343026	V000343007	V000343052	V000343038	V000343063	V000343078	V000343094	V000344998
18'	V000343106	V000343025	V000343008	V000343051	V000343037	V000343062	V000343075	V000343093	V000344999
19'	V000343105	V000343024	V000343009	V000343050	V000343036	V000343061	V000343074	V000343092	V000345000
20'	V000343102	V000343023	V000343010	V000343049	V000343035	V000343060	V000343073	V000343091	V000345001
21'	V000343022	V000343015	V000343011	V000343017	V000343016	V000343018	V000343019	V000343020	V000345002

NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white



## SOLERA: XL POWER AWNINGS

1. Measure the area where you want to mount the Solera XL Awning, making sure the awning will not interfere with windows and doors.
2. Taking that measurement, order that size Awning Roller Assembly and choose your desired vinyl color. Use the Awning Roller guide for XL Power to select the correct part number.
3. Measure the distance from the awning rail down the side wall to make sure it fits. You will need to have 1 part number for the awning roll and 1 part number for the hardware selected for a complete order.

### Solera XL Power Hardware

arm Type	arm size	standard head/ white hardware	standard head/ black hardware
XL Arm, Flat Adjustable Pitch	78"	362241	362243

NOTE: One part number includes a set of 2 arms

### 9'8" Projection XL Vinyl Roller Assemblies

length	solid black BKSOLID	black fade BKWG	white fade WHWG	sand fade BKWG	sand fade WHWG	burgundy fade WHWG	blue fade WHWG	silver fade WHWG	green fade WHWG
10'	V000334746	V000334742	V000334743	V000334745	V000334744	V000334747	V000334748	V000334749	V000344979
11'	V000334914	V000334909	V000334911	V000334912	V000334913	V000334915	V000334916	V000334917	V000344980
12'	V000334922	V000334918	V000334919	V000334920	V000334921	V000334923	V000334924	V000334925	V000344981
13'	V000334937	V000334926	V000334927	V000334928	V000334934	V000334938	V000334939	V000334940	V000344982
14'	V000334946	V000334941	V000334942	V000334944	V000334945	V000334947	V000334948	V000334949	V000344983
15'	V000334954	V000334950	V000334951	V000334952	V000334953	V000334955	V000334956	V000334957	V000344984
16'	V000334979	V000334959	V000334965	V000334970	V000334976	V000334983	V000334987	V000334992	V000344985
17'	V000335005	V000334961	V000334998	V000334999	V000335001	V000335009	V000335014	V000335020	V000344986
18'	V000335034	V000334963	V000335000	V000335029	V000335031	V000335037	V000335039	V000335041	V000344987
19'	V000335046	V000334966	V000335007	V000335043	V000335044	V000335048	V000335050	V000335052	V000344988
20'	V000335062	V000334969	V000335011	V000335055	V000335059	V000335066	V000335071	V000335074	V000344989
21'	V000335092	V000334972	V000335015	V000335067	V000335089	V000335093	V000335094	V000335095	V000344990

NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white

## HOW TO ORDER\_DESTINATION PATIO AWNINGS

### SOLERA: DESTINATION PATIO AWNINGS

1. Measure the area where you want to mount the Solera awning, making sure the awning will not interfere with windows and doors.
2. Taking that measurement, order that size Awning Roller Assembly, and choose your desired vinyl color. Use the Awning Roller guide for Destination to select the correct part number.
3. Measure the distance from the awning rail down the side wall and order the correct arms from the arm guide. You will need to have 1 part number for the awning roll and 1 part number for the hardware selected for a complete order.

### Solera Destination Hardware

white hardware	black hardware	satin hardware	cream hardware
V000334718	V000334719	V000334720	V000386361

NOTE: One part number includes a set of 2 arms

### Solera Destination 9'8" Projection Awning Roller Assemblies 13.5 oz Vinyl Fabric with wraparound aluminum Solera Shield

Remember to specify the Solera Shield color to match the hardware color of your awning

width	black solid, BKS	black fade, BKS	black fade, WHS	white fade, WHS	white fade, BKS	sand fade, BKS	sand fade, WHS
16'	V000334847	V000334818	V000334867	V000334839	V000334843	V000334873	V000334870
17'	V000335317	V000335268	V000335279	V000335294	V000335302	V000335338	V000335329
18'	V000335319	V000335270	V000335281	V000335296	V000335310	V000335340	V000335331
19'	V000335322	V000335272	V000335287	V000335298	V000335324	V000335342	V000335332
20'	V000335323	V000335274	V000335289	V000335300	V000335326	V000335345	V000335334
21'	V000335325	V000335276	V000335292	V000335301	V000335327	V000335348	V000335336

width	burgundy fade, WHS	burgundy fade, BKS	blue fade, WHS	blue fade, BKS	silver fade, BKS	silver fade, WHS	green fade, WHS	green fade, BKS
16'	V000334857	V000334859	V000334861	V000334865	V000334864	V000334862	V000345003	V000345009
17'	V000335370	V000335337	V000335389	V000335397	V000335350	V000335364	V000345004	V000345010
18'	V000335378	V000335343	V000335393	V000335401	V000335352	V000335368	V000345005	V000345011
19'	V000335383	V000335347	V000335396	V000335408	V000335354	V000335372	V000345006	V000345012
20'	V000335386	V000335361	V000335404	V000335414	V000335356	V000335375	V000345007	V000345013
21'	V000335390	V000335366	V000335410	V000335423	V000335358	V000335380	V000345008	V000345014

NOTE: The color of the Shield is noted as BKS meaning black; or WHS, meaning white. Solera Shield not available on XL

**SOLERA: WINDOW AWNINGS**

1. Measure outside frame to outside frame of the window you desire to cover.
2. Round up to the next size. Example: a 50" window uses a 54" window awning base on the chart provided.
3. Measure the height of the window. If the window measures 32" or greater, use the XL model arms. You will need to have 1 part number for the window awning roll and 1 part number for the hardware selected for a complete order.

**Window Awning Hardware**

height	white hardware	black hardware	satin hardware	cream hardware	Pull Rod
Standard (Under 33")	V000334754	V000334750	V000334753	V000389164	344391

NOTE: One part number includes a set of 2 arms

**Standard Solera Vinyl Window Awning Roller Assemblies, 18" Projection**

width	solid black BKSOLID	black fade BKWG	white fade WHWG	sand fade BKWG	sand fade WHWG	burgundy fade WHWG	blue fade WHWG	silver fade WHWG	green fade WHWG
36"	V000334804	V000334776	V000334778	V000334824	V000334779	V000334800	V000334802	V000334806	V000345015
42"	V000335426	V000334962	V000335002	V000335040	V000335087	V000335153	V000335351	V000335469	V000345016
48"	V000335427	V000334964	V000335004	V000335056	V000335088	V000335154	V000335355	V000335472	V000345019
54"	V000335428	V000334967	V000335006	V000335057	V000335090	V000335155	V000335359	V000335474	V000345020
60"	V000335429	V000334968	V000335008	V000335058	V000335091	V000335156	V000335362	V000335475	V000345021
66"	V000335430	V000334971	V000335010	V000335060	V000335105	V000335158	V000335367	V000335476	V000345022
72"	V000335432	V000334973	V000335012	V000335061	V000335106	V000335159	V000335371	V000335477	V000345023
78"	V000335434	V000334974	V000335013	V000335063	V000335107	V000335160	V000335377	V000335478	V000345024
84"	V000335436	V000334975	V000335016	V000335064	V000335108	V000335162	V000335381	V000335480	V000345025
90"	V000335438	V000334977	V000335017	V000335065	V000335109	V000335164	V000335384	V000335481	V000345026
96"	V000335440	V000334978	V000335019	V000335068	V000335110	V000335165	V000335388	V000335482	V000345027
102"	V000335445	V000334980	V000335021	V000335069	V000335116	V000335167	V000335392	V000335483	V000345028
108"	V000335447	V000334981	V000335022	V000335070	V000335117	V000335169	V000335394	V000335484	V000345029
114"	V000335448	V000334982	V000335023	V000335072	V000335119	V000335171	V000335398	V000335485	V000345030
120"	V000335450	V000334984	V000335024	V000335073	V000335121	V000335172	V000335400	V000335486	V000345031
126"	V000335453	V000334985	V000335025	V000335075	V000335123	V000335173	V000335403	V000335487	V000345032
132"	V000335454	V000334986	V000335026	V000335078	V000335124	V000335175	V000335405	V000335488	V000345033
138"	V000335456	V000334989	V000335027	V000335079	V000335125	V000335177	V000335407	V000335489	V000345034
144"	V000335458	V000334990	V000335028	V000335080	V000335126	V000335179	V000335411	V000335490	V000345035
150"	V000335460	V000334991	V000335030	V000335081	V000335128	V000335181	V000335413	V000335491	V000345062
156"	V000335462	V000334993	V000335032	V000335082	V000335130	V000335183	V000335416	V000335492	V000345063
162"	V000335463	V000334994	V000335033	V000335083	V000335131	V000335184	V000335418	V000335493	V000345064
168"	V000335466	V000334995	V000335035	V000335084	V000335132	V000335186	V000335420	V000335494	V000345065
174"	V000335467	V000334996	V000335036	V000335085	V000335133	V000335188	V000335422	V000335495	V000345066
180"	V000335468	V000334997	V000335038	V000335086	V000335135	V000335189	V000335424	V000335496	V000345067

NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white

## HOW TO ORDER\_XL WINDOW AWNINGS

### XL Window Awning Hardware

height	white hardware	black hardware	satin hardware	cream hardware	Pull Rod
XL (Over 33")	V000334759	V000334764	V000334765	V000389165	344391

NOTE: One part number includes a set of 2 arms

### XL Solera Vinyl Window Awning Roller Assemblies, 30" Projection

width	solid black BKSOLID	black fade BKWG	white fade WHWG	sand fade BKWG	sand fade WHWG	burgundy fade WHWG	blue fade WHWG	silver fade WHWG	green fade WHWG
36"	V000334814	V000365986	V000334808	V000334825	V000334811	V000334812	V000334813	V000334807	V000345068
42"	V000335199	V000335138	V000335253	V000335357	V000335255	V000335111	V000335150	V000335176	V000345069
48"	V000335200	V000369586	V000335263	V000335360	V000335256	V000335112	V000335151	V000335228	V000345070
54"	V000335201	V000396769	V000335306	V000335363	V000335257	V000335113	V000335152	V000335229	V000345071
60"	V000335202	V000369589	V000335308	V000335365	V000335258	V000335114	V000335157	V000335230	V000345072
66"	V000335203	V000396770	V000335309	V000335369	V000335259	V000335115	V000335161	V000335231	V000345073
72"	V000335204	V000394546	V000335311	V000335373	V000335260	V000335118	V000335163	V000335234	V000345074
78"	V000335209	V000396771	V000335312	V000335374	V000335261	V000335120	V000335166	V000335235	V000345075
84"	V000335210	V000369592	V000335313	V000335376	V000335431	V000335122	V000335168	V000335236	V000345076
90"	V000335211	V000396772	V000335314	V000335379	V000335433	V000335127	V000335170	V000335237	V000345077
96"	V000335212	V000369595	V000335315	V000335382	V000335435	V000335129	V000335174	V000335238	V000345078
102"	V000335213	V000396773	V000335316	V000335385	V000335437	V000335134	V000335178	V000335239	V000345079
108"	V000335214	V000369598	V000335318	V000335387	V000335439	V000335136	V000335180	V000335240	V000345080
114"	V000335215	V000396774	V000335320	V000335391	V000335441	V000335137	V000335182	V000335241	V000345081
120"	V000335216	V000369601	V000335321	V000335395	V000335442	V000335139	V000335185	V000335242	V000345082
126"	V000335217	V000396775	V000335328	V000335399	V000335444	V000335140	V000335187	V000335243	V000345083
132"	V000335218	V000369604	V000335330	V000335402	V000335446	V000335141	V000335190	V000335244	V000345084
138"	V000335219	V000393975	V000335333	V000335406	V000335449	V000335142	V000335191	V000335245	V000345085
144"	V000335220	V000369607	V000335335	V000335409	V000335452	V000335143	V000335192	V000335246	V000345086
150"	V000335222	V000396776	V000335339	V000335412	V000335455	V000335144	V000335193	V000335247	V000345087
156"	V000335223	V000369610	V000335341	V000335415	V000335457	V000335145	V000335194	V000335248	V000345088
162"	V000335224	V000396777	V000335344	V000335417	V000335459	V000335146	V000335195	V000335249	V000345089
168"	V000335225	V000394547	V000335346	V000335419	V000335461	V000335147	V000335196	V000335250	V000345090
174"	V000335226	V000396778	V000335349	V000335421	V000335464	V000335148	V000335197	V000335251	V000345091
180"	V000335227	V000394548	V000335353	V000335425	V000335465	V000335149	V000335198	V000335252	V000345092

NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white

**SOLERA: SLIDE TOPPERS**

1. Measure outside flange to outside flange of the slide-out you want to cover with the Solera Slide Topper.
2. Use the Slide Topper chart to select the correct size for you. One part number will supply you the slide-out topper roll, all hardware and the rail to mount the Slide-Out Topper.

**Vinyl Roller Assemblies for Solera Slide Toppers**

flange measurement	fabric size	black vinyl & hardware	white vinyl & hardware
57" to 61"	61"	V000168104	V000163273
62" to 67"	67"	V000231482	V000163274
68" to 73"	73"	V000165063	V000163279
74" to 79"	79"	V000168105	V000163285
80" to 85"	85"	V000165062	V000163287
86" to 91"	91"	V000168106	V000163288
92" to 97"	97"	V000168107	V000163289
98" to 103"	103"	V000168108	V000163290
104" to 109"	109"	V000168325	V000163291
110" to 115"	115"	V000251461	V000163292
116" to 121"	121"	V000182037	V000163293
122" to 127"	127"	V000168326	V000163294
128" to 133"	133"	V000184673	V000163295
134" to 139"	139"	V000168328	V000139496
140" to 145"	145"	V000177334	V000163298
146" to 151"	151"	V000165061	V000163299
152" to 157"	157"	V000168109	V000163300
158" to 163"	163"	V000168110	V000163301
164" to 169"	169"	V000168112	V000163302
170" to 175"	175"	V000251477	V000163303
176" to 181"	181"	V000251478	V000163304
182" to 187"	187"	V000194925	V000163307

## HOW TO ORDER\_SOLERA ACCESSORIES



Smart Arm Proximity/  
Security Sensor



Smart Arm  
Wind Sensor



### 12V Smart Arm Upgrades



part no.	description
715123	Smart Arm Wind Sensor
715124	Smart Arm Proximity/Security Sensor



### Universal Awning Ground Support



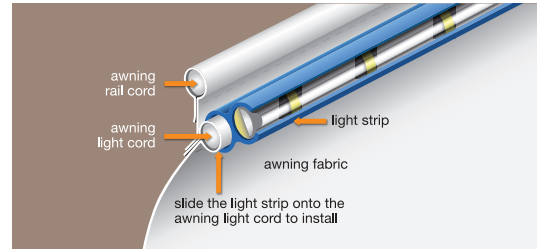
part no.	color
362246	White Ground Support
362247	Black Ground Support



### Awnbrella™



part no.	description
362237	8' Awnbrella, 3 pack
362238	8' Awnbrella, 2 pack
362239	10' Awnbrella, 3 pack
362240	10' Awnbrella, 2 pack



### Fabric Light Kit



part no.	length	color
674282	15'	Black Plastic
674283	21'	Black Plastic

NOTE: Includes switch and plate



### Universal Slide Topper Replacement Fabric



part no.	description
432253	Universal Topper Replacement Fabric - Black 50'
432252	Universal Topper Replacement Fabric - White 50'



### Awning Cradle Support



part no.	description
289373	White Support
289374	Black Support

### Slider Cradle Support



part no.	description
362947	White Support
328613	Black Support

**HOW TO ORDER: SHADES**

1. Measure size of shade based on fabric size of your awning. Shades can be up to but not longer than size of current awning fabric.

**Quick Tip:** The biggest mistake when ordering a Classic or Super Shade is measuring center of arm to center of arm and not the actual fabric length. If you measure center of arm to center of arm, your shade will arrive too long.



**Classic Front Shade**



width	part no.
8'	3833980608
10'	3833980610
13'	3833980613
15'	3833980615
17'	3833980617
19'	3833980619



**Side Shade Panels**



drop	part no.
6' Drop	37978606
7' Drop	37978607
8' Drop	37978608
9' Drop	37978609
10' Drop	37978610



**Super Shade®**



width	6' drop	7' drop	8' drop	9' drop	10' drop
10'	3797820610	3797820710	3797820810	3797820910	3797821010
13'	3797820613	3797820713	3797820813	3797820913	3797821013
15'	3797820615	3797820715	3797820815	3797820915	3797821015
17'	3797820617	3797820717	3797820817	3797820917	3797821017
19'	3797820619	3797820719	3797820819	3797820919	3797821019

## HOW TO ORDER\_SHADES AND ROOMS

### HOW TO ORDER: ROOMS

1. Measure center of arm to center of arm of the RV awning and order that size. Example: if your awning measures 15' order a 15' room. 1 part number will supply you the correct product.

**Quick Tip:** The biggest mistake when ordering a Screen Room or Family Room is usually measuring the awning fabric and not measuring center arm to center arm. If you measure by fabric, the room will arrive one foot too short.



#### Solera Family Room®



size	part no.
10'	362225
11'	362226
12'	362227
13'	362228
14'	362229
15'	362230

size	part no.
16'	362231
17'	362232
18'	362233
19'	362234
20'	362235
21'	362236



#### Solera Screen Room



size	part no.
10'	362213
11'	362214
12'	362215
13'	362216
14'	362217
15'	362218

size	part no.
16'	362219
17'	362220
18'	362221
19'	362222
20'	362223
21'	362224



**SOLERA: UNIVERSAL REPLACEMENT FABRICS**

1. Measure center of arm to center of arm of the patio awning to correctly order that size fabric.
2. Choose the color of the fabric you desire.
3. Use the chart provided and your measurement of center arm to center arm and vinyl color desired to select your part number. Example: If your measurement from center arm to center arm is 15' then you would select 15' and choose your desired color of vinyl. 1 part number will supply you the correct product.

**Quick fact:** Do not order fabric replacement size based on the actual awning fabric width as it will arrive too short



**All vinyl**

- Heavy-duty 13.5 oz fabric
- Cold-crack tested to -25° F
- Nine color choices



Solid Black BKSOLID



White Fade WHWG



Black Fade BKWG



Sand Fade BKWG



Sand Fade WHWG



Silver Fade WHWG



Blue Fade WHWG



Burgundy Fade WHWG



Green Fade WHWG

*NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white*

SOLERA® AWNINGS

**Universal Replacement Fabrics for 8' Projection Vinyl Patio Awnings**



width	black fade BKWG	white fade WHWG	sand fade BKWG	sand fade WHWG	solid black BKWG	burgundy fade WHWG	blue fade WHWG	silver fade WHWG	green fade WHWG
10'	V000334336	V000334335	V000334337	V000334346	V000334338	V000334339	V000334340	V000334345	V000345093
11'	V000334341	V000334342	V000334343	V000334344	V000334347	V000334348	V000334351	V000334353	V000345094
12'	V000334355	V000334356	V000334357	V000334358	V000334359	V000334360	V000334361	V000334363	V000345095
13'	V000334364	V000334365	V000334366	V000334367	V000334368	V000334369	V000334370	V000334372	V000345096
14'	V000334373	V000334374	V000334375	V000334376	V000334377	V000334378	V000334379	V000334382	V000345097
15'	V000334383	V000334385	V000334387	V000334388	V000334389	V000334390	V000334391	V000334393	V000345098
16'	V000334394	V000334397	V000334398	V000334399	V000334400	V000334401	V000334402	V000334404	V000345099
17'	V000334405	V000334406	V000334407	V000334408	V000334409	V000334410	V000334411	V000334413	V000345101
18'	V000334415	V000334416	V000334417	V000334418	V000334419	V000334420	V000334421	V000334423	V000345102
19'	V000334424	V000334426	V000334428	V000334429	V000334430	V000334431	V000334432	V000334434	V000345103
20'	V000334435	V000334436	V000334437	V000334438	V000334439	V000334440	V000334441	V000334443	V000345104
21'	V000334444	V000334445	V000334446	V000334447	V000334448	V000334449	V000334450	V000334452	V000345105

*NOTE: The color of the exposed vinyl in the rolled up position is noted as BKWG meaning black; or WHWG, meaning white*

## HOW TO ORDER REPLACEMENT PARTS

### Power & Manual Awning Parts (Non-Universal)



### Power & Manual Awning Parts (Non-Universal)

part no.	description
643922	Regal Head, Drive Front, Black
643923	Regal Head, Idler Front, Black
643921	Regal Head, Drive Back, Black
643921	Regal Head, Idler Back, Black
643919	Regal Head, Drive Front, White
643920	Regal Head, Idler Front, White
643918	Regal Head, Drive Back, White
643918	Regal Head, Idler Back, White
433389	60 1/2" Short Awning Support Arm Assembly, White
433390	60 1/2" Short Awning Support Arm Assembly, Black
260294	66 1/8" Pitched Awning Support Arm Assembly, White
266169	66 1/8" Pitched Awning Support Arm Assembly, Black
281152	69" Standard Flat Awning Support Arm Assembly, White
281154	69" Standard Flat Awning Support Arm Assembly, Black
289557	Awning Plain Drive Head Front Cover, White
289560	Awning Plain Drive Head Front Cover, Black
289558	Awning Plain Drive Head Back Cover, White
289561	Awning Plain Drive Head Back Cover, Black
289563	Awning Plain Idler Head Front Cover, White
289566	Awning Plain Idler Head Front Cover, Black
289564	Awning Plain Idler Head Back Cover, White
289567	Awning Plain Idler Head Back Cover, Black

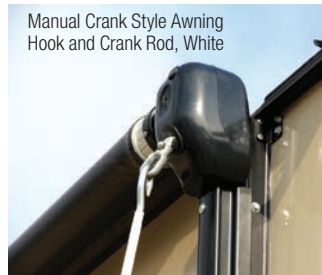
part no.	description
289373	Awning Cradle Support, White
289374	Awning Cradle Support, Black
406511	Rollbar Only For 12' Black Awning, Black Tube
422426	Rollbar Only For 14' Black Awning, Black Tube
422429	Rollbar Only For 15' Black Awning, Black Tube
422432	Rollbar Only For 16' Black Awning, Black Tube
422435	Rollbar Only For 18' Black Awning, Black Tube
655972	Rollbar Only For 19' Black Awning, Black Tube
655975	Rollbar Only For 20' Black Awning, Black Tube
422438	Rollbar Only For 21' Black Awning, Black Tube
406513	Rollbar Only For 12' White Awning, Grey Tube
422427	Rollbar Only For 14' White Awning, Grey Tube
422430	Rollbar Only For 15' White Awning, Grey Tube
422433	Rollbar Only For 16' White Awning, Grey Tube
422436	Rollbar Only For 18' White Awning, Grey Tube
655973	Rollbar Only For 19' White Awning, Grey Tube
655976	Rollbar Only For 20' White Awning, Grey Tube
422439	Rollbar Only For 21' White Awning, Grey Tube
280343	Gas Strut 26", 124 lb For Short And Flat Arms
260282	Gas Strut, 124-144 lb For Pitched Arms
275071	Grommet, Diaphragm, .75 ID x 1 OD, Black, For Manual Over-Ride Hole

**Manual Awning Parts Only (Non-Universal)**



**Manual Awning Parts Only (Non-Universal)**

part no.	description
271181	Manual Pull Style Awning Idler Head Assembly, White
272067	Manual Pull Style Awning Drive Head Assembly, Black
272397	Manual Pull Style Awning Idler Head Assembly, White
285147	Manual Pull Style Awning Idler Head Assembly, Black
292794	Manual Awning Pull Strap Replacement
344391	Manual Awning Pull Rod - Awning/Window Awning
300029	Manual Crank Style Awning Drive Head Assembly, White
300031	Manual Crank Style Awning Drive Head Assembly, Black
266147	Manual Crank Style Awning Idler Head Assembly, White
273479	Manual Crank Style Awning Idler Head Assembly, Black
300030	Manual Crank Style Awning Hook And Crank Rod, White
351831	Manual Crank Style Awning Drive Head Front Cover, White
351832	Manual Crank Style Awning Drive Head Front Cover, Black
333410	Pull Style Manual to Crank Style Manual Upgrade Kit, White
333411	Pull Style Manual to Crank Style Manual Upgrade Kit, Black
299993	Grommet Diaphragm, 1.625 ID X 1.929 OD, Black, For Manual Crank Hole



300030



292794

## HOW TO ORDER REPLACEMENT PARTS

### Power Awning Parts (Non-Universal)

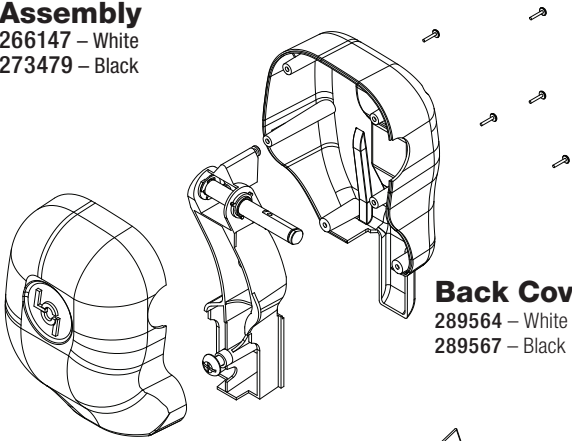


### Power Awning Parts (Non-Universal)

part no.	description
266149	Motor Awning with Manual Override
373566	Power Awning Replacement Motor
266146	Power Awning Plain Drive Head Assembly, White
273478	Power Awning Plain Drive Head Assembly, Black
266147	Power Awning Plain Idler Head Assembly, White
273479	Power Awning Plain Idler Head Assembly, Black
342147	Power Awning Speaker Drive Head Assembly, White
342149	Power Awning Speaker Drive Head Assembly, Black
342148	Power Awning Speaker Idler Head Assembly, White
342150	Power Awning Speaker Idler Head Assembly, Black
354181	Power Awning Speaker Drive Head Front Cover, White
354185	Power Awning Speaker Drive Head Front Cover, Black
300005	Power Awning Speaker Drive Head Back Cover, White
300009	Power Awning Speaker Drive Head Back Cover, Black
354186	Power Awning Speaker Idler Head Front Cover, White

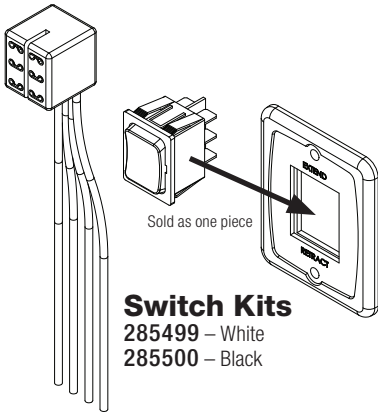
part no.	description
354189	Power Awning Speaker Idler Head Front Cover, Black
300007	Power Awning Speaker Idler Head Back Cover, White
300011	Power Awning Speaker Idler Head Back Cover, Black
285499	Power Awning Switch Kit, White
285500	Power Awning Switch Kit, Black
285079	Power Awning Bezel Spacer, White
285077	Power Awning Bezel Spacer, Black
280570	16 GA Power Awning Harness
329250	Manual Pull Style To Power Awning Conversion Kit, White
329251	Manual Pull Style To Power Awning Conversion Kit, Black
337727	Manual Crank Style To Power Awning Conversion Kit, White
337728	Manual Crank Style To Power Awning Conversion Kit, Black

**Assembly**  
266147 – White  
273479 – Black



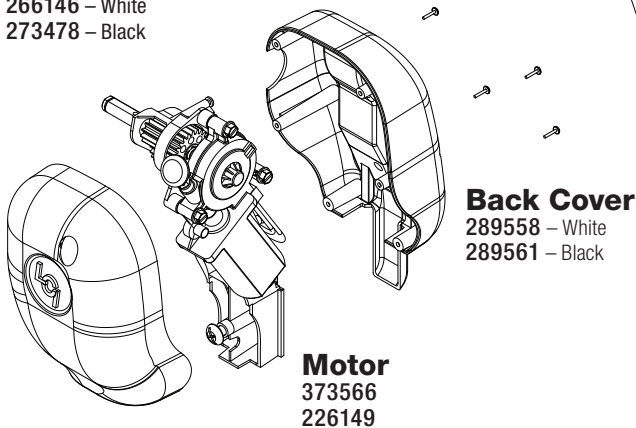
**Back Cover**  
289564 – White  
289567 – Black

**Front Cover**  
289563 – White  
289566 – Black



**Switch Kits**  
285499 – White  
285500 – Black

**Drive Head Assembly**  
266146 – White  
273478 – Black



**Back Cover**  
289558 – White  
289561 – Black

**Motor**  
373566  
226149

**Front Cover**  
289557 – White  
289560 – Black

**Arms**

- 433389 – 60-1/2" White
- 433390 – 60-1/2" Black
- 260294 – 66-1/8" White
- 266169 – 66-1/8" Black
- 281152 – 69" White
- 281154 – 69" Black

**Drive Side**

Front of coach/right

**Idler Side**

Rear of coach/left

**Idler Head**

**Ordering Replacement Arms**

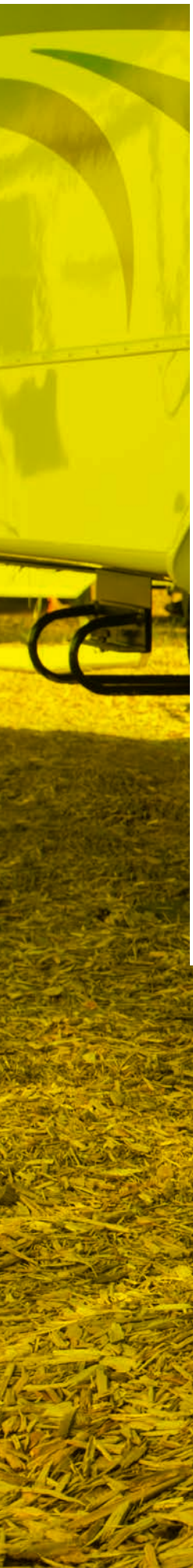
There are three types of Solera replacement arms. These arms are universal to both power and manual awnings. Simply measure the length of the wall-mount extrusion from top to bottom.

- Short style arms measure 60-1/2"
- Pitched style arms measure 66-1/8"
- Flat style arms measure 69"



**Powerfeed Wiring Harness**  
373008

# ENTRY STEPS



## THE MOST STABLE STEP ON THE MARKET TODAY

The SolidStep's innovative design permits the step to operate through a wide range of ride heights without the need to adjust leg extensions. The design also ensures that the steps stay parallel to the ground, reducing the potential for slipping or falling during

use. The SolidStep design permits the step to stow inside of the entry door, keeping road debris and corrosion away while simultaneously permitting continuous skirt metal on the RV, enhancing the aesthetics of the coach.

Now available with Lift Assist option! Featuring a Lift Assist Strut that makes lowering & raising your SolidStep easy!

**Solid Step**  
LIFT ASSIST

**NEW PRODUCT**

Threshold panel behind the top step to protect the trailer sidewall from damage

13" XL top tread depth

Aluminum treads that hold up against the elements

8.5" lower tread depth

Extendable legs and feet contact the ground for maximum stability

**Solid Step**®

**NOW PATENTED**

STEPS

# SolidStep®

**Easily installs into existing door hardware and threshold. Mounting fasteners are included.**



**Two safety latches on either side of SolidStep securely locks it to the RV entry door frame.**



**Convenient handle makes it easy to disengage the safety latches.**



**Only one hand needed to operate the handle.**



**While holding the handle, release the SolidStep from the doorjamb. Slowly lower the step with both hands firmly supporting SolidStep.**



**Continue lowering SolidStep to the ground.**



**For uneven ground surfaces, remove pin on the extendible legs to adjust leg length.**



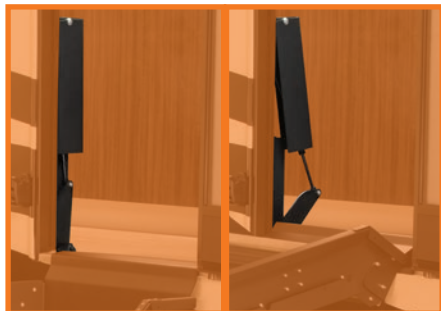
**Pivoting foot provides for a solid foundation on sloped terrain.**



- The SolidStep's innovative design that allows the step to operate through a wide range of ride heights with adjustable leg extensions. The design lets the steps stay parallel to the ground, reducing the potential for slipping or falling during use
- The SolidStep design permits the step to stow inside the entry door, keeping road debris and corrosion away while simultaneously permitting continuous skirt metal on the RV, enhancing the aesthetics of the coach
- No bounce, manual steel step with aluminum treads
- Kickplate prevents damage to sidewall and skirt
- Recessed feet prevent trip hazard and maximize clearance for camping spot
- Conveniently folds up into the RV doorway when not in use
- Mounting fasteners provided for either wood or laminate floor applications
- Extra-wide top step for easy entry and exit
- 400-pound capacity
- Double, triple and quad step variations available
- Includes floor backing plate

## SolidStep® LIFT ASSIST

**NEW  
PRODUCT**



Now available with Lift Assist option!

Featuring a Lift Assist Strut that makes lowering & raising your SolidStep easy!

*Lift Assist Kit Compatible with all generation 3 triple and quad SolidSteps.*

part no.	description	door width
733931	26" Premium Double SolidStep	26" - 29.9"
733932	30" Premium Double SolidStep	30" - 36"
678040	26" Premium Triple SolidStep	26" - 29.9"
678044	30" Premium Triple SolidStep	30" - 36"
678024	26" Premium Quad SolidStep	26" - 29.9"
678027	30" Premium Quad SolidStep	30" - 36"
733937	Narrow Lift Assist Kit	26" - 29.9"
733939	Wide Lift Assist Kit	30" - 36"



# ALUMI-TREAD Step®

Upgrade your RV with the sleek, Euro-style Alumi-Tread hybrid step featuring strong, proven steel linkage and attractive aluminum treads with anti-slip rubber grooves for excellent traction. Lightweight aluminum step treads resist rust, ensuring long-lasting durability. The Alumi-Tread Step is available in triple and quad configurations, and provides both style and functionality. Alumi-Tread lends a clean, modern appearance to your RV and consistent, smooth operation at an attractive price point.



432696

## FEATURES

- Available in Triple and Quad configurations
- Lightweight, durable aluminum threads
- Sleek Euro-style design
- Anti-slip rubber grooves
- Strong Steel Linkage



432698

part no.	description
432696	Alumi-Tread Triple Manual Step
432698	Alumi-Tread Quad Manual Step

# ONE STEP AHEAD OF THE COMPETITION

Lippert Components provides a full line of radius style steps for towable RVs. These steps extend and retract easily with only one hand. All steps have a black powder coat finish that will protect it from the elements. All steps are 24" wide and come with anti-slip skid tape.

## FEATURES

- New compact design allows user to expand and collapse step with one hand
- All four steps are equidistant from each other, taking the guesswork out of step location
- Powder coat finish protects from the elements



part no.	description
432678	24" Radius Single Manual Step
432682	24" Radius Double 8" Manual Step
432687	24" Radius Triple 7" Manual Step
432690	24" Radius Triple 9" Manual Step
432693	24" Radius Quad 8" Manual Step

Single Radius Step



Double Radius Step



Triple 7" Radius Step



Triple 9" Radius Step



Quad 8" Radius Step



You don't have to settle for a standard manual RV step. Upgrade to the sleek, stylish and lightweight Tread Lite® Power Step to enjoy fast, automatic operation, weatherproof components and LED lighting.

Available in a single or double configuration, the Tread Lite Power Step features non-slip coating for excellent traction and obstruction-sensing technology that stops the step if anything is in its way.

**FEATURES**

- Powerful, heavy-duty motor provides smooth operation
- Weatherproof components ensure durable operation
- 13 pounds lighter on average than the competition
- Obstruction-sensing technology prevents step damage
- Non-slip coating provides excellent traction
- LED lighting makes it easy to see step location at night
- Sleek, stylish and significantly lighter than its steel counterpart
- 8.5" step rise and tread depth
- Available in single & double configurations



STEPS

part no.	description
353542	24" Single Tread Lite Power Step w/switch, harness
353543	24" Double Tread Lite Power Step w/switch, harness
353620	30" Single Tread Lite Power Step w/switch, harness
353621	30" Double Tread Lite Power Step w/switch, harness





Kwikkee brand power steps have been the favorite of RVers for more than 40 years. Kwikkee steps are versatile, durable and time-tested. Each 300-pound capacity step is made in America and features air pressed rivets in the pivot points instead of bolts for long-term strength. Kwikkee steps automatically extend and retract when the door is opened or closed and also feature a reflective strip for added safety.

STEPS

### The Revolution Step

- Extra sturdy
- 30 percent lighter than competing power steps
- Single and double step configurations
- Only weighs 24 pounds



372604



3725791

part no.	description
372604	Revolution Series. Complete Single Step
3725791	Revolution Series. Complete Double Step
380073	Revolution Step Motor
363980	Revolution Step Control Module



363980



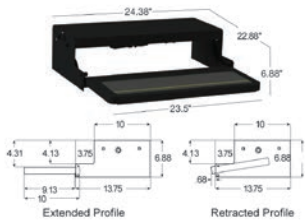
380073

**Original  
KwikEE Step -  
Single Tread**



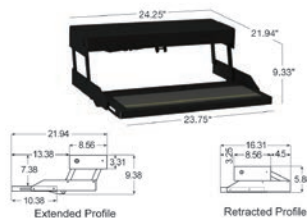
**Series 26**

Rise: 5" Run: 8.5"  
Bolt pattern: 7.5" x 20.5"



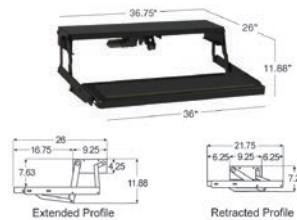
**Series 28**

Rise: 7" Run: 10"  
Bolt pattern: 6.5" x 22"



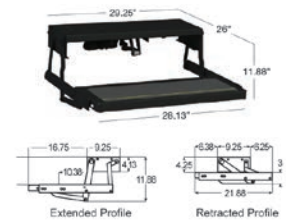
**Series 30**

Rise: 7.5" Run: 16.75"  
Bolt pattern: 6" x 31"



**Series 33**

Rise: 8" Run: 16.75"  
Bolt pattern: 6" x 23.5"

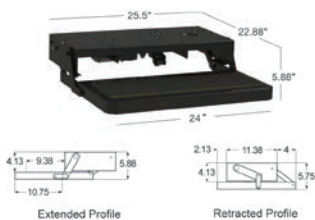


\*Available with brackets for van applications

\*Available with brackets for van applications

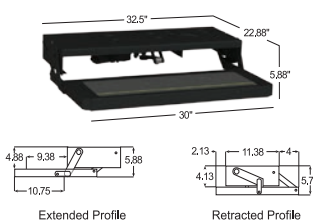
**Series 35**

Rise: 5" Run: 10.75"  
Bolt pattern: 8" x 22"



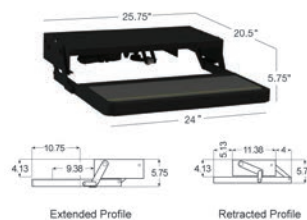
**Series 36**

Rise: 5" Run: 10.75"  
Bolt pattern: 8" x 26"



**Series 38**

Rise: 4" Run: 10.75"  
Bolt pattern: 8" x 22"



**Series 39**

Rise: 8" Run: 10"  
Bolt pattern: 7.5" x 20.5"



step series	part no.	step control	tread size	switch kit	rise	run
26 Series	3711361	No	23.5"	371010	5"	8.5"
26 Series	3711363	Yes	23.5"	369311	5"	8.5"
28 Series	3747451	No	23.75"	371010	7"	10"
28 Series	3747453	Yes	23.75"	369311	7"	10"
30 Series	369411	No	36"	None	7.5"	16.75"
30 Series	3694112	Yes	36"	None	7.5"	16.75"
33 Series	3722662	No	28.13"	371010	8"	16.75"
33 Series	3722661	Yes	28.13"	369311	8"	16.75"
35 Series	3691462	No	24"	371010	4"	11"
35 Series	3691461	Yes	24"	369311	4"	11"
36 Series	3756271	Yes	30"	369311	5"	10.75"
38 Series	372338	No	24"	371010	4"	14"
38 Series	3723383	Yes	24"	369311	4"	14"
39 Series	3724742	Yes	23.75"	369311	7"	10"

**FEATURES**

- Supports up to 300 pounds
- Heavy-gauge steel, powder-coated for a long-lasting finish
- 12V DC motor with sealed connections
- Solid steel 3/4" drive rods and stainless steel bushings
- Electric steps available with basic power switch or Logic Control Unit sensor mode operation

*\*\*All Steps listed come with appropriate motor. \*\*Rise/Run is estimated. See diagrams for exact dimensions. \*36 Series Step dimensions have changed. Verify sizing by specific part number.*

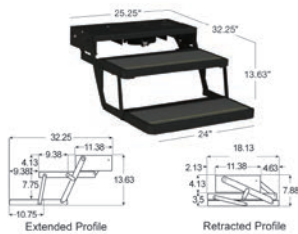
STEPS

The Original KwikEE Step - Double & Triple Tread



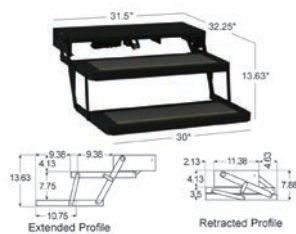
**Series 32**

Rise: 7" Run: 9"  
Bolt pattern: 8" x 22"



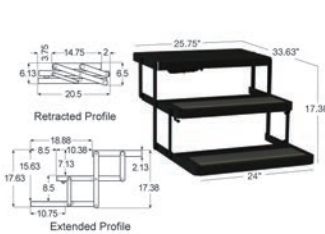
**Series 34**

Rise: 7" Run: 9"  
Bolt pattern: 8" x 26"



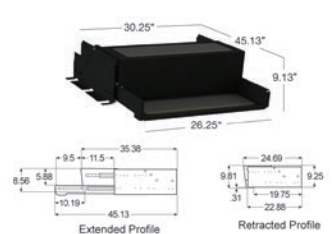
**Series 40**

Rise: 8" Run: 9"  
Bolt pattern: 8" x 26"



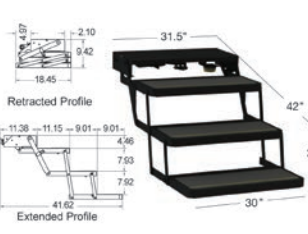
**Series 42**

Rise: 6" Run: 9"  
Bolt pattern: 18" x 29"



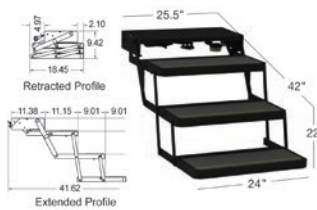
**Series 24**

Rise: 8" Run: 9"  
Bolt pattern: 8" x 26"



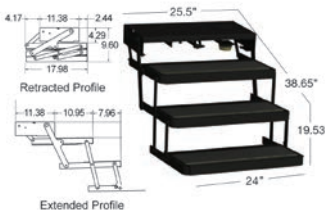
**Series 25**

8" Drop  
Rise: 8" Run: 9"  
Bolt pattern: 8" x 22"



**Series 25**

7" Drop  
Rise: 7" Run: 8"  
Bolt pattern: 8" x 22"



step series	part no.	step control	tread size	switch kit	rise	run
32 Series	3722617	No	24"	371010	7"	9"
32 Series	372261	Yes	24"	369311	7"	9"
34 Series	3722863	No	30"	371010	7"	9"
34 Series	3722862	Yes	30"	369311	7"	9"
40 Series	3726891	No	24"	371010	8"	10"
40 Series	3726892	Yes	24"	369311	8"	10"
Platinum	372558	Yes	24"	none	9"	11"
42 Series	372779	Yes	26.25"	none	6"	9"
24 Series	375821	Yes	30"	No Switches	8"	9"
25 Series	365837	Yes	24"	8" Drop; No Switches	8"	9"
25 Series	369552	Yes	24"	7" Drop; No Switches	7"	8"
25 Series	3658373	Yes	24"	369311	8"	9"

**FEATURES**

- Supports up to 300 pounds
- Heavy-gauge steel, powder-coated for a long-lasting finish
- 12V DC motor with sealed connections
- Solid steel 3/4" drive rods and stainless steel bushings
- Electric steps available with basic power switch or Logic Control Unit sensor mode operation

\*\*All Steps listed come with appropriate motor. \*\*Rise/Run is estimated. See diagrams for exact dimensions.



## Electric Step Improvements

### IMGL

Integrated Motor/Gear Box/Linkage offers improved performance and longer life.

### Improved Motor

40% more motor torque gives step a strong lock-out and solid feel.

### Improved Gearbox

Fully-sealed dual ball bearing improves efficiency and requires no maintenance. Case halves seal to keep consistent alignment and protect gear from the elements.

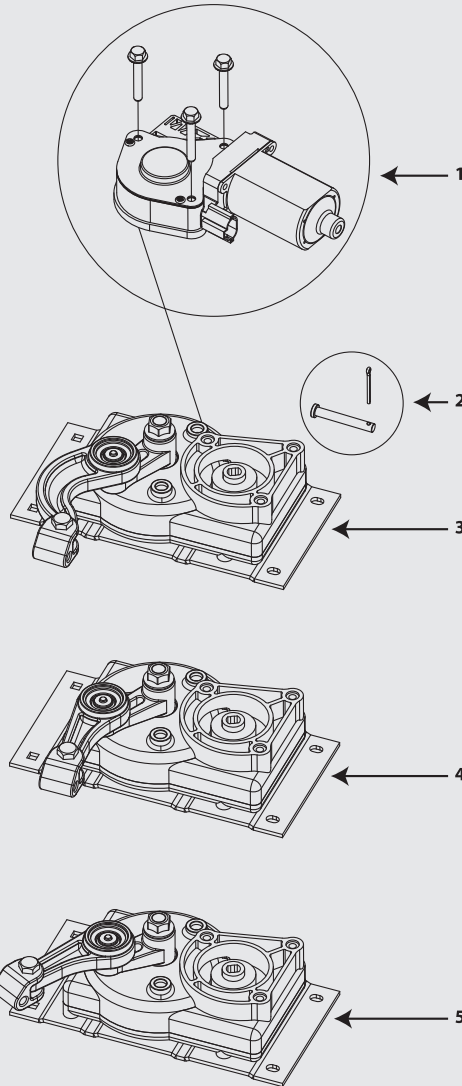
### Improved Linkage

Investment cast zinc-plated steel linkage assembly is strong and more resistant to corrosion. The brass spherical outer cage hardened ball in the linkage is stronger, wears longer and will not oblong.

### Improved Control Unit Logic

The 9510 Control Unit keeps the step open when the door is open. Step can be locked in the extended position, but cannot be locked in the retracted position. Automatic ignition override makes step follow the door.

## MOTOR ASSEMBLY DRAWING AND PARTS KEY NUMBERS



### Replacement Parts Kits for Steps Series

22, 23, 30, 32, 33, 34, 35, 36, 38 and 40

parts key #	description	replacement kit part no.
1,2,3	"A" Linkage IMGL & Control Unit	379145
3	"A" Linkage Gearbox	379160
1	Step Motor Only	379147
2	Pin & Clevis Kit	379178

### Replacement Parts Kits for Steps Series 28, 31, 37 and 39

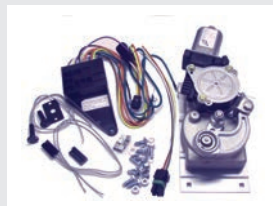
28, 31, 37 and 39

parts key #	description	replacement kit part no.
1,2,4	"B" Linkage IMGL & Control Unit	379769
4	"B" Linkage Gearbox	379161
1	Step Motor Only	379147
2	Pin & Clevis Kit	379178

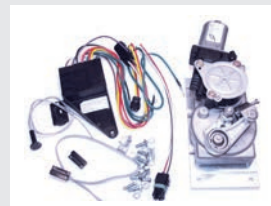
### Replacement Parts Kits for Steps Series 26

parts key #	description	replacement kit part no.
1,2,5	"C" Linkage IMGL & Control Unit	379801
5	"C" Linkage Gearbox	379162
1	Step Motor Only	379147
2	Pin & Clevis Kit	379178

Replacement parts for older motor/control combinations are the same as for steps fitted with the IMGL and 9510 Control. IMGL and 9510 Control require a 'NORMALLY OPEN' door switch to operate correctly. Replacement switches included in kit.



379145 for steps with 'A' linkage



379769 for steps with 'B' linkage



379801 for steps with 'C' linkage

## MOTORIZED STEP ACCESSORIES



### Kwikee Replacement IMGL Step Motor

This replacement motor comes with screws and is designed for IMGL step assemblies. The most common motor, it's works with almost every Kwikee step series. IMGL step assemblies have been standard from 2006-current.

**379147**



### Kwikee Replacement 9510 Step Control

Designed to replace the control unit on IMGL step units which utilize a door switch, this controller adds logic to your step. It is used on most Kwikee step series and will automatically retract and extend the step when the coach door is opened and closed.

**379146**



### Kwikee 42 Series Service and Replacement Parts Kit

Specifically designed for the Kwikee 42 Series step, this kit comes the components fully service your 42 Series step assembly, including a 9510 control and motor/gear assembly. Motor table (372749) and switches sold separately.

**380266**



### Kwikee Replacement IMGL Motor for 24, 25, and 42 Series

This replacement motor is specifically designed for the 24, 25, and 42 series IMGL step assemblies. IMGL step assemblies have been standard from 2006-current.

**369506**



### Kwikee Replacement 9510 Step Control for 24 and 25 Series

Designed to replace the control unit on IMGL 24 and 25 series step assemblies, this controller adds logic to your step. It is used on most Kwikee step series and will automatically retract and extend the step when the coach door is opened and closed.

**363982**



### Kwikee 25 Series Service and Replacement Parts Kit

Specifically designed for the Kwikee 25 Series step, this kit comes the components fully service your 25 Series step assembly, including a 9510 control unit and motor table assembly. Switches sold separately.

**379804**



### Kwikee Pre-IMGL Replacement Step Motor Kit

This replacement motor is for Pre-IMGL/9510 Control Kwikee step assemblies. Kit includes everything needed to replace the motor.

**379608**



### Kwikee Linkage Kit "A" Pre-IMGL

Designed to replace the "A" style linkage arm on Pre-IMGL step units which were manufactured from 1999 to 2005.

**379649**



### Kwikee Pre-IMGL "C" Linkage Kit

Designed to replace the "C" style linkage arm on Pre-IMGL step units that were manufactured from 1999 to 2005.

**379647**





**Kwikee 42 Series Step Motor Table**

Replacement motor table for Kwikee 42 Series steps. Attaches to the frame and provides a stationary mounting location for the motor/gear assembly.

**372749**



**Kwikee Cotter And Clevis Pin**

The Kwikee Cotter and Clevis Pin offers a low cost option for replacing worn or broken pins.

**379178**



**Kwikee Step Light**

Replacement light for Kwikee series steps 22, 23, 28, 30, 32, 33, 34, 35, 36, 38, 40, and Revolution.

**379414**



**Kwikee Logic Operated Switch Kit**

For operation with Logic Control Unit sensor mode. Kit includes magnetic door switch, basic override switch, and switch plate.

**369311**



**Kwikee Standard Operation Switch Kit**

For standard push button operation. Kit includes basic power rocker switch and plate.

**371010**



**Kwikee Plunger Door Switch Kit**

Comes with striker plates, this switch is actuated as the door opens or closes.

**379388**



**Kwikee Magnetic 3/8" Round Door Jam Switch - White**

This replacement small round door jam switch has a black finish and comes with a white plate.

**378047**



**Kwikee Magnetic 3/4" Round Door Jam Switch - Black**

This replacement large round electric step door switch has a black finish and comes with black plates.

**378054**



**Kwikee Magnetic Small Rectangular Door Switch - White**

This replacement small rectangle door switch has a white finish.

**374198**

## MOTORIZED STEP ACCESSORIES



### Glow in the Dark Step Tread Replacements

Kwikee Glow-in-the-Dark Step Treads carry all the features of our original and commercial step treads, and also uses a reflective stripe and a night glow phosphorus stripe. 21" x 6".

**379600**



### Kwikee Yellow Non-Skid Tread Tape

Measuring 8" x 33", it's ideal for industrial applications. The entire non-skid surface is a high-visibility yellow color and features a self-adhesive backing. Kwikee tread tape is designed to ensure traction on stairs and surfaces.

**380063**



### Kwikee Tread Tape

Designed to ensure traction on RV stairs. The black non-skid surface features a self-adhesive backing and contrasting reflective yellow strip. Ideal for adding new or replacing existing worn-out step tread.

**164958:** 21" x 6"; Kwikee non-skid w/stripe

**165221:** 25" x 8"; Kwikee non-skid w/stripe

**358911:** 32" x 8"; Kwikee non-skid w/stripe



*\*Kwikee step only*

### Kwikee Step Frame Only

If the motor control unit, light and wiring are still in working order, make your step as good as new by replacing the step frame.

**3747457:** 28 Series Frame

**3722618:** 32 Series Frame

**3658374:** 25 Series Frame

**3722864:** 34 Series Frame



### Kwikee 4-Way Tester Plug With Packard Connector

The Kwikee 4-Way Tester Plug with Packard Connector fits multiple makes and models.

**379416**

### Standard Anti-Skid Tape

**226894:** 4" x 0.5"; universal strips

**181638:** 19.5" x 1.25"; radius steps

**237520:** 21" x 3"; radius steps

**226893:** 22.5" x 0.5"; radius steps

## Kwik Lube Spray Lubricant



### Kwik Test Tool

A time-saving diagnostic tool for RV service, the Kwik Test isolates step functions from RV power and wiring. Quickly locate the problem and replace only the parts needed.

**379607**



### KWIK LUBE SPRAY LUBRICANT

- Great for RVs
- Leveling Systems
- Tongue Jacks
- Ramp Doors
- Slide-Outs
- Steps

part no.	description
379177	Kwik Lube - Spray Lubricant (12 cans per case)



301702



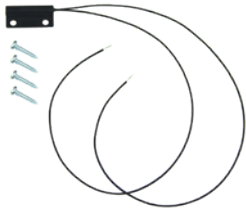
301703



301695



128958



165041



301692



216567



301696



116531



301701

part no.	description
301702	Coach Step control module/brain
301703	Coach Step amber light
301695	Coach Step motor
165041	Coach Step switch kit
301692	Coach Step 4-way wiring harness
301696	Single & double Coach Step gear plate
116531	Coach Step bronze bushing
388220	Coach Step double ball joint
128958	Coach Step spacer
216567	Coach Step wet bolt kit

REMEDY REPAIR KITS NOW AVAILABLE

On September 18, 2015, we submitted a voluntary recall of the LCI Coachstep electric double and triple entrance steps produced from May 25, 2007 through December 18, 2014. We are offering repair kits at no charge for all motorhomes that have been affected by this.

part no.	description
389761	Each Double Coachstep Repair kit includes the pieces necessary to install a retainer bracket on a Double Coachstep assembly.
389152	Each Triple Coachstep Repair kit includes the pieces necessary to install a linkage assembly and a retainer bracket on a Triple Coachstep assembly.

# SLIDE-OUT ACCESSORIES & PARTS



The patented Flex Guard is a heavy-duty, flexible rail that offers support and protection to vital slide-out plumbing, wiring and hoses under the slide room floor. The Flex Guard straightens out during extension and bends in an arc as it contracts. Its unique design prevents sagging during slide-out operation that could cause stress and lead to breakage.

**FEATURES**

- Can be installed on any slide-out system that uses a 1/4" steel rod or swing arm for the same application
- Single, double and triple applications
- All kits come with 8" mounting post with washer and five Flex Guard clips



part no.	description
1346271	Single Flex Guard Kit
1346281	Double Flex Guard Kit
1346291	Triple Flex Guard Kit



Single Flex



Double Flex



Triple Flex

**SLIDE-OUT SLICKER**

Every time your slide room extends and retracts, it rubs your carpet just enough to create a worn-out spot over time. Slide-Out Slickers protect your carpet and keep it looking like new.

**FEATURES**

- Easy to install
- Comes in a two pack
- 40 inches long



part no.	description
134993	Slide-Out Slicker (Pair)

SLIDE-OUTS

## THROUGH-FRAME & ABOVE-FLOOR SLIDE-OUT MOTORS & ACTUATORS

If both motor and actuator need replaced, use 168956:

### 168956 Venture Actuator with High Speed Motor

Manufacturer Part no.: 8532-18HT

**For use in:**

LCI® Electric Through-Frame Slide-Outs 12VDC | 9,500 RPM | 30 Amps | 18:1 Gear Ratio



If actuator only needs replaced, use 145595:

### 145595 40" Venture Actuator only also works with Tuson Motors

**For use in:**

LCI Electric Through-Frame Slide-Outs



If only motor needs replaced, get specs from motor label and order accordingly

### 132682 Venture 18:1 Actuator Motor

**For use in:**

LCI Electric Through-Frame Slide-Outs 12VDC | 5,800 RPM | HP: 1/2 | 30 Amps | 18:1 Gear Ratio | 7694597



### 136373 Venture 28:1 Actuator Motor

**For use in:**

LCI Electric Through-Frame Slide-Outs 12VDC | 5,800 RPM | 30 Amps | 28:1 Gear Ratio | 8532-08J



### 125802 Tuson High Speed 18:1 Motor

**For use in:**

LCI Electric Through-Frame Slide-Outs 12VDC | 9,000 RPM | 30 Amps | 18:1 Gear Ratio | 1-065-041-012



### Additional slide-out motors

### 138449 D-300 Motor manufactured by Klauber

Manufacturer Part no.:

K01285D300

**For use in:**

LCI 3 x 3 Through-Frame Electric Slides 12VDC | 12 RPM | 9 Amps | 3/4" Drive



### 130057 N-500 Motor manufactured by Klauber

Manufacturer Part no.:

K01285N500

**For use in:**

LCI Electric Above-Floor Sofa & Bed Slides 12VDC | 10.5 RPM | HP: 1/15 | 7 Amps | 3/4" Drive



### 133612 Tuson Motor, Drive Shaft & Right Angle Gear Box

Manufacturer Part no.:

1A0650122401YC

**For use in:**

LCI Electric Above-Floor Sofa & Bed Slides 12VDC | 9,000 RPM | 18:1 Gear Ratio



### Slide-Out Motors

part no.	description
168956	Venture Actuator & High Speed Motor
132682	Venture 18:1 Actuator Motor
136373	Venture 28:1 Actuator Motor
125802	Tuson High Speed Actuator Motor

part no.	description
138449	D-300 Motor
130057	N-500 Motor
133612	Tuson Right Angle Gear Box & Motor
145595	Actuator Rod Only; 40"



125653



123603

**Hydraulic Cylinders**

part no.	bore	stroke	ext. length	ret. length	use
339031	1-1/2"	24"	63"	39"	2 x 2 Hydraulic Through-Frame Slides
342328	1-1/2"	38"	53"	91"	2.5 x 2.5 Hydraulic Through-Frame Slides



141111



177094



142927



138416



249363



113128



113131



141020

**Hydraulic Parts**

part no.	description
141111	Hydraulic Power Unit
177094	Hydac Cartridge Valve
142927	Nason Pressure Switch
138416	JIC Hose End Fitting
249363	O-Ring Face Seal Hose End Fitting
113128	1/4" Hydraulic Fitting - 90° Elbow
113131	1/4" Hydraulic Fitting - Straight
141020	1/4" Hydraulic Fitting - Swivel 90° Elbow

## ELECTRICAL PARTS

part no.	description
117461	White Slide-Out Switch Kit (switch, bezel & harness)
117460	Black Slide-Out Switch Kit (switch, bezel & harness)
135666	Slide-Out Controller 10665
118246	Trombetta Solenoid; Silver/Bronze Posts



117461



117460



135666



118246

## SLIDE-OUT PARTS

part no.	description
281331	2 x 2 Slide-Out Gear Pack
324869	2.5 x 2.5 Standard Slide-Out Gear Pack
123356	2.5 x 2.5 Heavy-Duty Slide-Out Gear Pack
140409	2 x 3 & 3 x 3 Standard Slide-Out Gear Pack
116658	Crown Gear for LCI Slide-Outs
118353	Roller Bearing for Above Floor Slide-Outs
103480	Universal LCI™ Slide-Out Wear Pad
119226	Standard Manual Slide-Out & Landing Gear Crank Handle
122840	Standard Stop Can



281331



140409



123356



324869



116658



118353



119226



122840



103480



Introduced in 2009, our In-Wall® Slide-Out System has revolutionized the RV industry. All motors and mechanics are located in the slide walls and the patented aircraft-quality worm rail provides smooth and efficient slide-out movement.



320500



120639



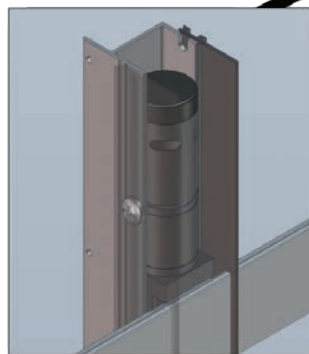
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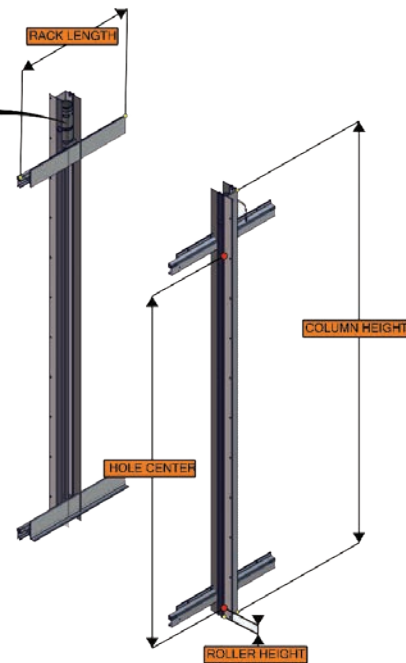
236575



211852



In-Wall Slide-Out Diagram



**Slide-Out System**

part no.	description
236575	In-Wall Slide Motor
211852	In-Wall Slide Controller V-Sync2
120639	Interior Switch & Plate
320500	J38 Roller for In-Wall Slide-Out

part no.	description
247768	15' Wiring Harness
229755	20' Wiring Harness
238991	25' Wiring Harness
229756	30' Wiring Harness
238992	35' Wiring Harness

SLIDE-OUTS

HAPPYJAC  
TRUCK CAMPER  
ACCESSORIES



# ROBUST STRENGTH AND STABILITY

## New 4220 and 4820 Camper Jacks

- Optimized to work with new clutchless, current sensing (CCS) motor and electronics
- Easy-to-access manual override with full 360-degree cranking
- 2800-lb load rating (4820); 2200-lb load rating (4220)
- Efficient and precise CAD design sustains quiet operation
- Plated and powder-coated outer tube resists corrosion
- Field serviceable with easy access to all components
- Low amp draw

4820 Acme Heavy Duty Screw Jack

Clutchless, Current Sensing (CCS) Motor Head



Optional Wireless Remote Controller available



### Jacks

part no.	description	color
736515	Single 4820 Acme Heavy Duty Screw Jack - 2,800 lbs	White
736514	Single 4220 Acme Screw Jack - 2,200 lbs	White

### Brackets & Accessories

part no.	description
182493	16" (Z) Mounting Bracket
182492	16" (L) Reinforcement Bracket (front)
182491	5" Lower Mounting Bracket (rear)
182436	Standard (4") Crank Handle
182496	Swing-Out Extension Brackets
182495	6" Lift Extenders (4 ea.)
182912	Hex Drive Adapter

### Wireless Remote Controllers

part no.	description
183070	Wireless Remote Controller - 20 amp
723915	Wireless Remote Controller - 25 amp and CCS

**NOTE:** Remote controller must be matched with the correct logic board (20 amp, 25 amp, CCS).

### Motor Drive Assemblies

part no.	description
728520	Motor Drive Assembly with Wireless Remote- 25 amp
733960	Clutchless, Current Sensing (CCS) Motor Drive Assembly with Wireless Remote

**NOTE:** Motor Drive Assemblies include wireless main logic board, remote control, coiled cable, 4 ea. motor drive heads. 733960 may only be used with 4220 and 4820 jacks.

### Main Logic Boards, Wiring and Upgrade Kits

part no.	description
723914	Wireless Main Logic Board - 25 amp
733513	Clutchless, Current Sensing (CCS) Wireless Main Logic Board
723916	Wireless upgrade kit - 25 amp - remote controller and wireless logic board
733540	Wireless upgrade kit - CCS upgrade kit - remote controller and wireless logic board
182524	Wiring Kit for Electric Option

**NOTE:** 733513 may only be used with 4220 and 4820 jacks

### Single Motor Heads

part no.	description
182515	Single Electric Motor Drive Head
759927	Single White CCS Motor Head (vertical orientation)

**NOTE:** 759927 may only be used with 4220 and 4820 jacks

## QWIK-LOAD®\_TURNBUCKLES



The strong and sturdy stainless steel Qwik-Load Turnbuckles feature fast lever action, are easy to install and can be adjusted after installation.



### Qwik-load Turnbuckles

These strong, lever-action turnbuckles provide quick installation and feature a stainless steel barrel. There is no need to remove the turnbuckle to make tension adjustments. The FM-QLTB includes 2 front spring-loaded Qwik-Load turnbuckles with 11-inch hooks, 2 rear stress-guard Qwik-Load turnbuckles with 24-inch hooks, 4 removable handles and 4 locking pins.



### Standard Turnbuckles

The kit includes 2 spring-loaded front turnbuckles and 2 stress-guard rear turnbuckles with stainless steel components.



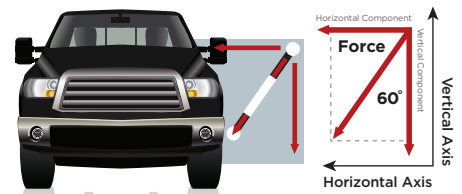
### Qwik-load Upgrade

This Qwik-Load upgrade kit comes with 4 Qwik-Load adapters, locking pins and 4 removable handles. It's compatible with any turnbuckles using a 1-inch threaded rod.



### Long-action Turnbuckles

HappiJac now offers turnbuckles that reach below the side of the truck in 40-inch long action. The FM-QLLA kit includes 2 Qwik-Load lever-action, spring-loaded stainless steel turnbuckles. The FM-TBLA includes 2 spring-loaded, stainless steel turnbuckles.



### Fully Adjustable

Tension can be adjusted after installation for maximum stability

### Turnbuckles

part no.	description
182895 FM-QLTB	Qwik-Load Stainless Steel Turnbuckle Set
<b>Standard Turnbuckles</b>	
182898 FM-TB	Stainless Steel Turnbuckle Set
182901 FM-TBS	Single Stainless Steel Front Turnbuckle
182900 FM-TBR	Single Stainless Steel Rear Turnbuckle
<b>Qwik-load Upgrade Kit</b>	
182894 FM-QL	Qwik-Load Upgrade Kit
<b>Long-action Turnbuckles</b>	
191380 FM-QLLA	Qwik-Load Long Action
191431 FM-TBLA	Spring-Loaded Turnbuckle Set (Long Action)

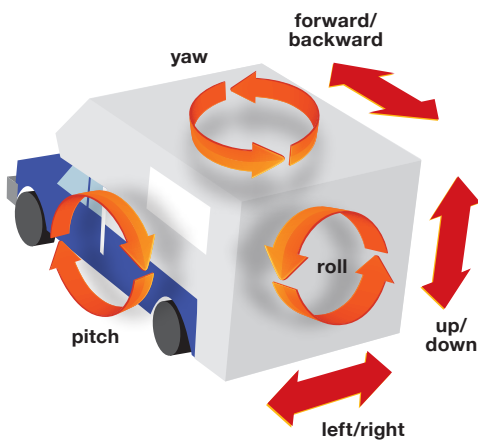


HappiJac's innovative Frame-Mount Tie-Down System puts leverage to work for you. Its design combines frame strength and sound engineering principles to create an I-beam truss structure that makes your camper an integral part of the truck, providing unsurpassed strength and security. Its frame mount is strong and easy to use. While other tie-downs may "hold your camper down," only HappiJac Tie-Downs prevent camper movement in all directions (up-down, side-to-side, and front-to-back).



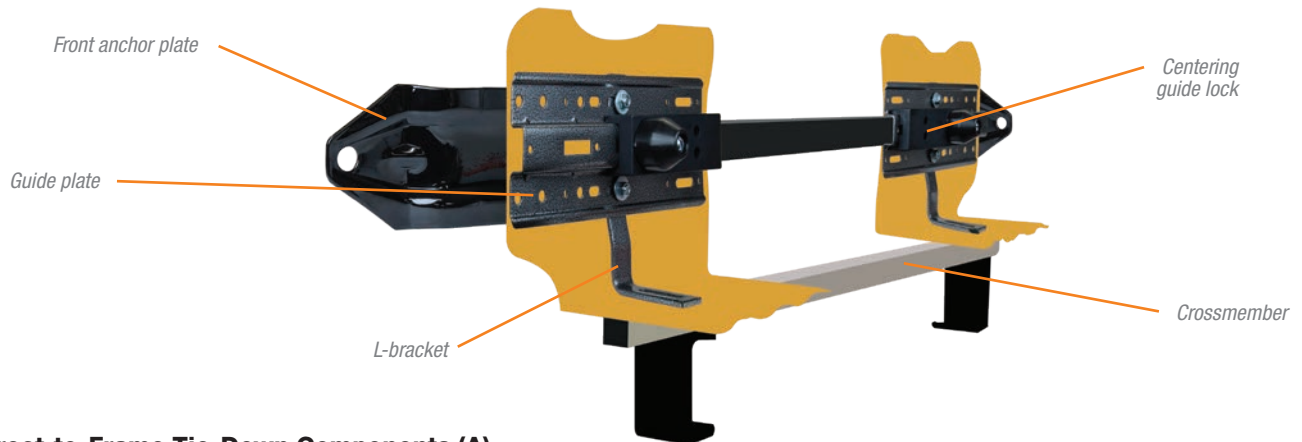
**FEATURES**

- Price is significantly less than other heavy-duty tie-down systems
- I-Beam truss creates a superior system by utilizing the truck frame, bed and tie-down components to form an I-beam truss structure
- Adds only 27 lbs. to the truck and eliminates ugly protrusions



**Controls Camper Movement**  
Only system that controls camper movement in all directions

# HAPPIJAC®\_FRAME-MOUNT TIE-DOWN SYSTEMS & PARTS



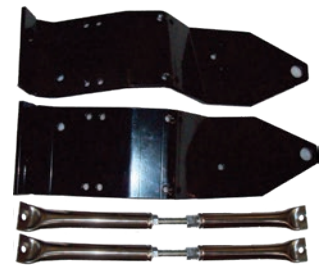
## Direct-to-Frame Tie-Down Components (A)

make	part no.
<b>CHEVY / GMC</b>	
2015 - 2019 Chev/GMC Silverado/Sierra (all)	FT-CG14 <sup>1</sup> (350763)
2014 Chev/GMC Silverado/Sierra 1500 (with step bumper)	FT-CG14 <sup>1</sup> (350763)
2007 - 2014 Chev/GMC Silverado/Sierra (except extended cab & 2014 1500 Series)	FT-CG07S <sup>1,3</sup> (182905)
2007 - 2013 Chev/GMC Silverado/Sierra (extended cab ONLY)	FT-CG07 <sup>1,3</sup> (182904)
1999 - 2007 Chevrolet Silverado Classic	FT-CG9 <sup>1</sup> (182906)
1999 - 2007 GMC Sierra Classic	FT-CG9 <sup>1</sup> (182906)
1988 - 2000 C/K Series (old body style)	FT-UT9 <sup>1</sup> (182910)
<b>DODGE</b>	
2010 - 2019 Ram 2500,3500 (except "Ram Box" or short bed dually)	FT-DR10 <sup>5</sup> (236326)
2009 - 2019 Ram 1500 (except "Ram Box" or short bed dually)	FT-DR10 <sup>5</sup> (236326)
2008 - 2009 Ram (w/bed front panel waffle iron pattern)	FT-DR8 <sup>5</sup> (205220)
2003 - 2008 Ram (w/bed front panel vertical ribs only)(Including 2002 Ram 1500)	FT-DR2 <sup>2</sup> (182908)
1994 - 2002 Ram (except 2002 Ram 1500)	FT-UT9 <sup>1</sup> (182910)
2002 Ram 1500	FT-DR2 <sup>2</sup> (182908)
<b>FORD</b>	
2008 - 2016 F450 SuperDuty	FT-UT9 <sup>1,6</sup> (182910)
1997 - 2016 F250 SuperDuty & F350	FT-UT9 <sup>1,6</sup> (182910)
1980 - 1996 F Series (all)	FT-UT9 <sup>1</sup> (182910)
2017-2019 F Series	Coming Soon
<b>TOYOTA</b>	
2007 - 2019 Tundra (6½' bed only)	DF-TT07 <sup>4</sup> (184089)

## FT Kit (now includes centering guides)



(FT-UT9 shown )



(DF-TT07 shown )

## Turnbuckle Component (B)

description	part no.
Qwik-Load stainless steel turnbuckle set (2 FM-QLTBS & 2 FM-QLTBR)	FM-QLTB (182895)
Stainless steel turnbuckle set (2 FM-TBS & 2 FM-TBR)	FM-TB (182898)
Qwik-Load lever action turnbuckle upgrade	FM-QL (182894)



FM-QLTB shown

## Stabilizing Bar (C)

description	part no.
59.25" Stabilizing bar (use with FT-UT9, CG9, CG07, CG07S)	USB-010 (182971)
57.375" Stabilizing bar (use with FT DR2)	SB-020 (182928)
56.875" Stabilizing bar (use with FT-DR8 & FT-DR10)	SB-080 (205221)
69" Stabilizing bar (use with CA-UT8: 1980 - 98 Ford)	SB-150 (182930)
66.75" Stabilizing bar (use with CA-DRL: 1994 - 2002 Dodge Ram)	SB-200 (182931)



USB-010 shown

1 Stabilizing Bar USB-010 Required, sold separately. 2 Stabilizing Bar SB-020 Required, sold separately.  
3 Includes FM-CBB07. 4 Does not require Stabilizing Bar. 5 Stabilizing Bar SB-080 Required, sold separately. 6 1999-2014 Bumper Brace Recommended sold separately.

HappiJac Camper Anchor Tie-Downs provide maximum strength and eliminate leverage and stress forces on a truck. A removable rear tie-down coupler rotates to the direction of pull, eliminating undesirable torque. HappiJac Camper Anchor Tie Downs won't bend, twist or fail.

*NOTE: With the exception of the CA-FD4 & CA-FD7 for late model Ford F150 series, the older style "CA" prefix camper tie downs listed below do not contain a frame mount component and were designed for use on older truck models prior to 1999. In the few instances where either a "CA" and an "FT" model will fit, the "FT" is always the best option, and must be used if the truck is an extended or crew cab model, or the camper's dry weight is more than 2,500 pounds.*

**Camper Anchor Tie Downs**

make	part no.
<b>CHEVY / GMC</b>	
1973 - 2011 S-10, S-15, Canyon & Colorado	CA-UR <sup>7</sup> (182866)
<b>FORD</b>	
2004 - 2014 F150	CA-FD4 (182860)
2004 F150 Heritage	CA-FD7 (182861)
1997 - 2003 F150 & F250 under 8500 gvw (except crew cab)	CA-FD7 (182861)
2013 and earlier Ranger	CA-UR <sup>7</sup> (182866)
<b>TOYOTA</b>	
1989 - 2019 Toyota (only with campers under 1500 lbs.) (except Tundra)	CA-UR <sup>7</sup> (182866)
1988 and earlier Toyota	CA-MT (182864)
<b>ISUZU</b>	
1989 - 2008 Isuzu	CA-UR <sup>7</sup> (182866)
1988 and earlier Isuzu	CA-MT (182864)
<b>MAZDA</b>	
1994 - 2008 Mazda	CA-UR <sup>7</sup> (182866)
1993 - and earlier Mazda	CA-MT (182864)
<b>NISSAN</b>	
1998-2019 Nissan (only with campers under 1500 lbs.)	CA-UR <sup>7</sup> (182866)
1997 - and earlier Nissan	CA-MT (182864)

<sup>7</sup> Requires 4 ea, (sold individually)



CA-UR (4 ea.) shown

**Parts, Fit Kits & Accessories**

description	part no.
Universal Rear Anchor	CA-UR (182866)
Chrome Anchor Bolt (Including Hardware)	CA-AB (182852)
Chrome Coupler	CA-TC (182865)
Front Centering Guide Locks (includes 2 rollers and 2 bumpers)	FM-FGL9 (182892)
Front Anchor Plates (Set of 2)	FA-UT9 (182876)
Front Anchor Plates (Set of 2)	FA-CG9 (182872)
Front Anchor Plates (Set of 2)	FA-CG07 (182870)
Front Anchor Plates (Set of 2)	FA-CG07S(182871)
Dodge Adapter Kit	FK-DAK (182880)
Centering Guide Lock Spacer Kit for 1999+ Ford with tail light - camper interference	FK-GBS (182883)
Replacement Fit Kit for FT-CG07/CG07S	FK--CG07 (182877)
Replacement Fit Kit for FM / FT-UT9	FK-UT9 (182884)
Replacement Fit Kit for FM / FT-CG9	FK-CG9 (182878)
Bumper Brace 2008 - 2014 F350 & F350 Super Duty	FM-BB08 (253561)
Bumper Brace 1999 - 2007 F250 SuperDuty & F350	FM-BB9 (182885)
Bumper Brace 2007 - 2014 Chev/GMC	FM-CBB07 182887)
Qwik-Load Front spring-loaded turnbuckle w/11" threaded hook (1 ea.)	FM-QLTBS 182897)
Front spring-loaded turnbuckle w/11" threaded hook (1 ea.)	FM-TBS (182901)
Qwik-Load Rear stress-guard turnbuckle w/24" threaded hook (1 ea.)	FM-QLTBR 182896)
Rear stress-guard turnbuckle w/24" threaded hook (1 ea.)	FM-TBR (182900)
11" threaded hook (zinc plated -1 ea.)	TBH-11 (149813)
24" threaded hook (zinc plated -1 ea.)	TBH-24 (149814)



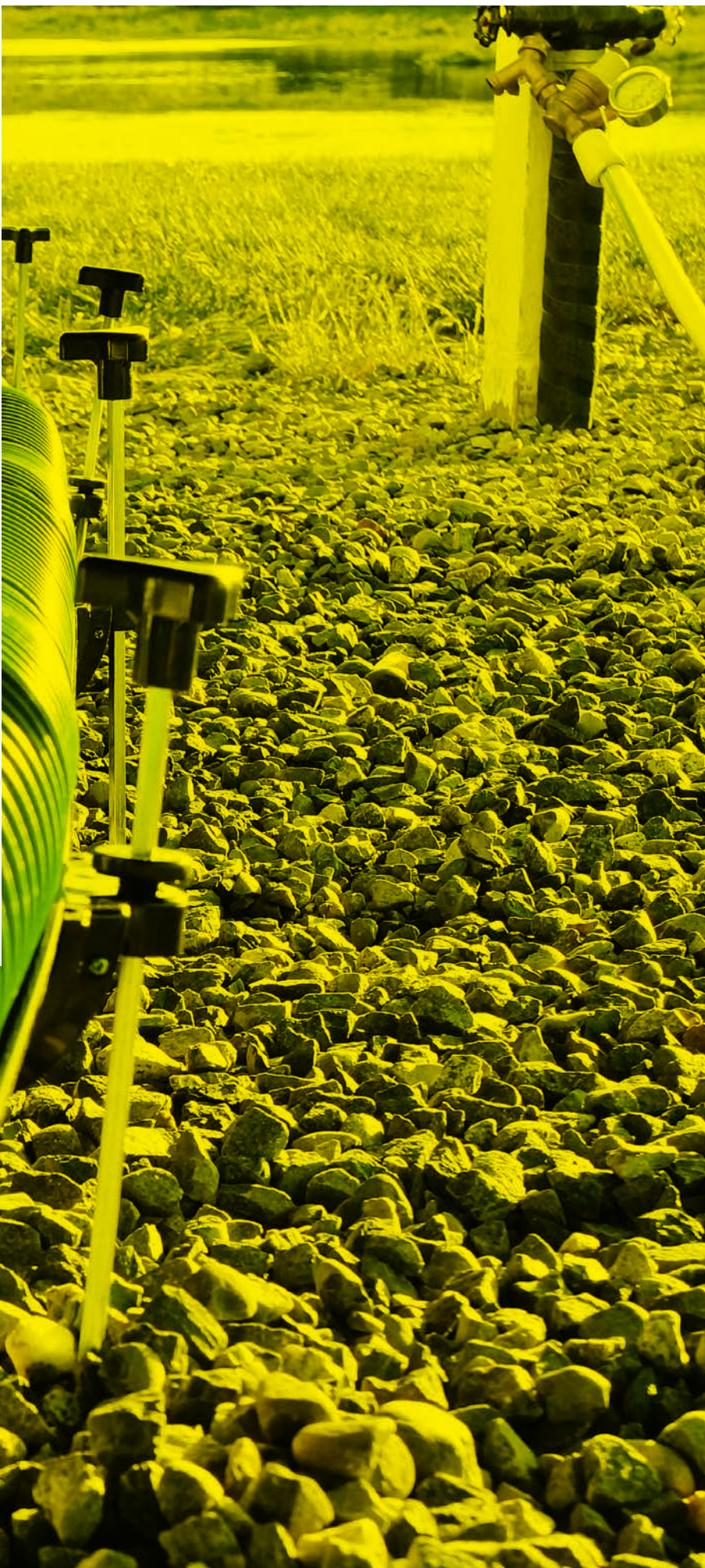
CA-UR shown



FM-QLTBR

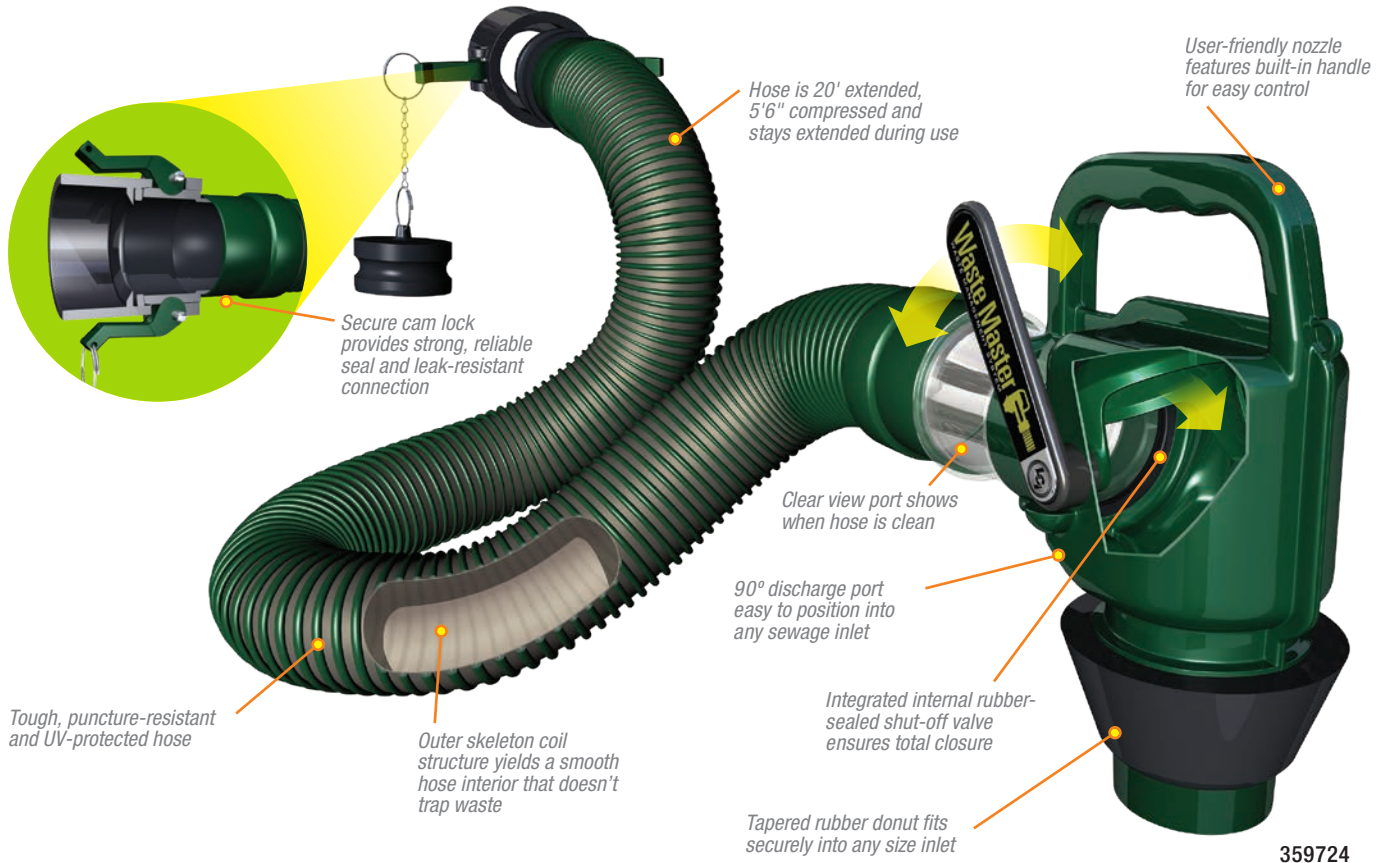
HAPPIJAC

WASTE  
MANAGEMENT/  
FRESH WATER





# LEAVE THE DIRTY WORK TO US



## Secure Cam Lock

The Waste Master isn't just a hose and nozzle, it comes complete with a time-tested cam lock connector that ensures a leak-resistant connection to the sewer outlet. Traditional RV hose bayonet fittings can leak, but industrial grade cam locks have been used in the liquid transportation industry for decades and are proven to provide a strong, reliable seal.



## Tough Clean Hose

Unlike traditional hose coils that trap debris, the patented Waste Master hose is designed with its helical coil on the outside, while the inside is much smoother, preventing waste from getting trapped inside the hose. The UV-protected hose is 5' 6" compressed and 20' extended and features technology that keeps it extended during use to the exact length required.



## User-Friendly Nozzle

The permanently-connected nozzle is molded with an easy-grip handle, an integrated shut-off valve and a clear view port that allows the user to see when waste has completely evacuated, helping ensure the tanks and hose are clean. The nozzle also features a 90 degree discharge port that is easy to fit and secure into any sewage inlet.

**WASTE MASTER®\_ACCESSORIES**

part no.	description
359724	Waste Master Cam Lock Adapter Kit – 20'
360784	20' Extension for Waste Master Cam Lock Adapter Kit
360785	Male Cam to Male Bayonet Fitting
360578	Cam Lock Assembly with Black Cap
360788	Male Cam Garden Hose Adapter
360789	Tote Tank adapter Kit
362886	3" Cam Lock Male/Female - Threaded Fitting
376294	20' Hose Assembly with Cam Lock Fitting
363201	Female Cam by Female Cam with Caps
349521	Sewer Nozzle
340919	Donut Seal for Nozzle
360807	Replacement Seal Kit for Nozzle
360808	Replacement Seal for Female Cam Lock Fitting
359954	Male Cam Cap
360806	3" Flexible Rubber Coupling with SS Hose Clamps
362881	Nozzle Enclosure with Door & Frame Assembly
363357	Deluxe Storage Plug for Waste Master Hose



360784



360785



360578



360788



360789



362886



376294



363201



349521



340919



360807



360808



359954



360806



362881



363357

# ADJUSTABLE RV DRAIN SUPPORT SYSTEM

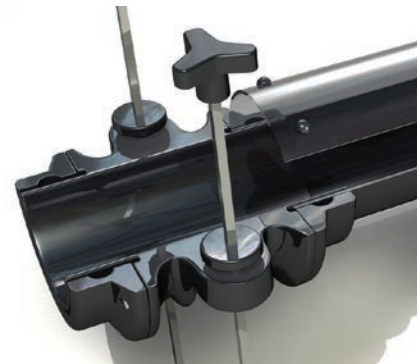
The Flow Down™ adjustable RV drain support system keeps your drain hose up off of the ground and easily adjusts to nearly any slope, preventing sewage from getting trapped in the hose. This premium system eliminates odor by preventing waste buildup and protects your hose from damage. No more carrying lumber, rocks or modified PVC pipe to hold your hose up off the ground. The legs of each section can be simply adjusted using the knobs, and the kit can also be set to safely pivot the hose around obstructions. One kit extends to more than 10 feet and it can be easily expanded to 20 feet by adding a second kit.



part no.	description
365053	Flow Down



Custom setting to turn corners and level to nearly any uneven surface

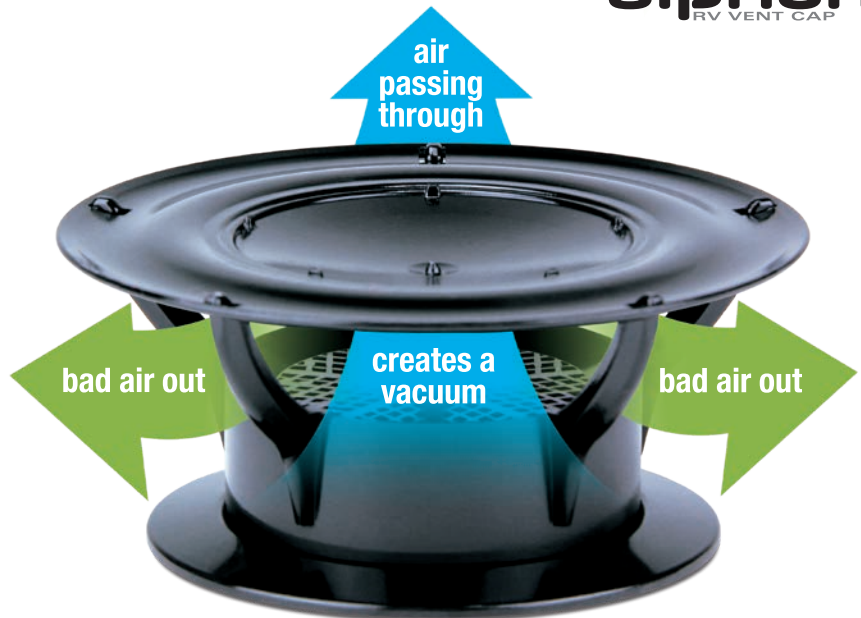


Smooth, 30" half pipe support sections prevent waste buildup and protect the hose

# ELIMINATE TANK ODORS FROM THE SOURCE

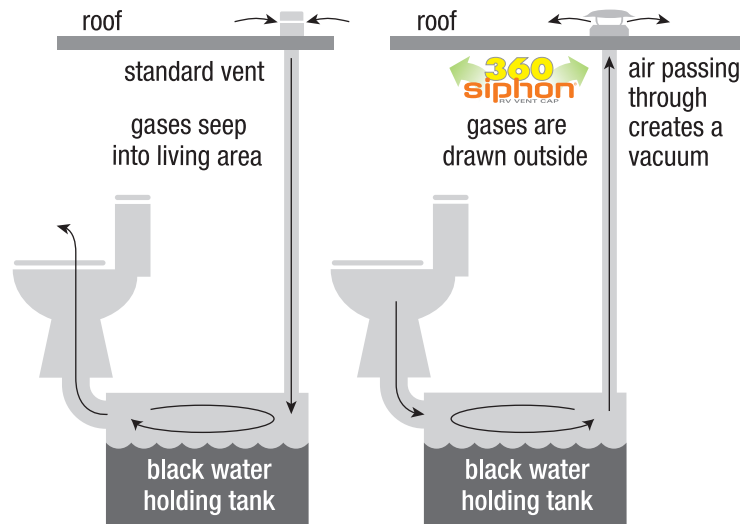


The 360 Siphon® RV holding tank vent cap eliminates odors from the source — the holding tanks — and exhausts them out through the roof vent before they have a chance to invade the RV living space. By design, the patented 360 Siphon can only create an updraft, expelling odors and fostering an oxygen-rich environment to speed up waste breakdown. Breathe easier and enjoy a healthy, odor-free living environment with the 360 Siphon.



## FEATURES

- Sophisticated, patented design with no moving parts
- Made in America of strong polycarbonate
- Easy installation and universal fit
- Works in any wind condition
- Built-in bug screen
- No maintenance



part no.	description
389381	360 Siphon Roof Vent White - Gen II
389380	360 Siphon Roof Vent Black - Gen II

The Better Bath name stands for quality, and our bath products have been the quality benchmark for more than 50 years. All our durable thermoformed bath products are made in America and designed to last. With multiple shapes, styles and backsplashes, we provide a shower or bath configuration that is sure to add timeless elegance to any home or RV.



by  Lippert Components®

**ACRYLONITRILE BUTADIENE STYRENE (ABS)**

- Weighs 20-25% less than fiberglass
- ABS is tougher and lasts longer than coated fiberglass



part no.	description	color
209369	24" x 36" Bathtub; Center Drain	Parchment
209648	24" x 36" Bathtub; Center Drain	White
209372	24" x 36" Bathtub; LH Drain	Parchment
209653	24" x 36" Bathtub; LH Drain	White
209376	24" x 36" Bathtub; RH Drain	Parchment
209658	24" x 36" Bathtub; RH Drain	White
209379	24" x 38" Bathtub; Center Drain	Parchment
209661	24" x 38" Bathtub; Center Drain	White
209385	24" x 40" Bathtub; Center Drain	Parchment
209388	24" x 40" Bathtub; LH Drain	Parchment
209673	24" x 40" Bathtub; LH Drain	White
209392	24" x 40" Bathtub; RH Drain	Parchment
209678	24" x 40" Bathtub; RH Drain	White
209395	24" x 46" Bathtub; LH Drain	Parchment
209681	24" x 46" Bathtub; LH Drain	White
209397	24" x 46" Bathtub; RH Drain	Parchment
209683	24" x 46" Bathtub; RH Drain	White
208946	27" x 54" Bathtub; LH Drain	Almond
209712	27" x 54" Bathtub; LH Drain	White
208948	27" x 54" Bathtub; RH Drain	Almond
209716	27" x 54" Bathtub; RH Drain	White

part no.	description	color	finish
209461	24" x 36" x 59" Bath Surround	Parchment	Picture Frame
210305	24" x 36" x 59" Bath Surround	White	Picture Frame
210307	24" x 36" x 62" Bath Surround	White	Picture Frame
210303	24" x 36" x 56" Bath Surround	White	Picture Frame
209459	24" x 36" x 56" Bath Surround	Parchment	Picture Frame
210314	24" x 40" x 56" Bath Surround	White	Picture Frame
209468	24" x 40" x 56" Bath Surround	Parchment	Picture Frame
306207	24" x 40" x 58" Bath Surround	White	Tile
306206	24" x 40" x 58" Bath Surround	Parchment	Tile
209464	24" x 38" x 56" Bath Surround	Parchment	Picture Frame
210400	27" x 54" x 57" Bath Surround	White	Tile

WASTE MANAGEMENT/FRESH WATER

## SHOWER PANS



210371



209414



209415



209744



301241



209795



301242



209797

part no.	description	color
210369	24" x 32" Shower Pan; LH Drain	White
210371	24" x 32" Shower Pan; RH Drain	White
210367	24" x 32" Shower Pan; Center Drain	White
209490	24" x 32" Shower Pan, LH Drain	Parchment
210375	24" x 36" Shower Pan, RH Drain	White
209496	24" x 36" Shower Pan, RH Drain	Parchment
210373	24" x 36" Shower Pan, LH Drain	White
342922	24" x 36" Shower Pan, LH Drain	Parchment
209500	24" x 40" Shower Pan, RH Drain	Parchment
210379	24" x 40" Shower Pan, RH Drain	White
209498	24" x 40" Shower Pan, LH Drain	Parchment

part no.	description	color
210377	24" x 40" Shower Pan, LH Drain	White
210383	24" x 46" Shower Pan, RH Drain	White
325246	27" x 27" Neo Angle Pan; Center Drain; 10" SPK	White
298087	27" x 27" Neo Angle Pan; Center Drain; 10" SPK	Parchment
209414	32" x 32" Neo Angle Pan; LH Drain; 5" SPK	Parchment
209415	32" x 32" Neo Angle Pan; RH Drain; 5" SPK	Parchment
209744	32" x 32" Neo Angle Pan; RH Drain; 5" SPK	White
301241	34" x 34" Neo Angle Pan; Center Drain; 5" SPK	Parchment
209795	34" x 34" Neo Angle Pan; Center Drain; 5" SPK	White
301242	34" x 34" Neo Angle Pan; Center Drain; 9.5" SPK	Parchment
209797	34" x 34" Neo Angle Pan; Center Drain; 9.5" SPK	White

## SHOWER SURROUNDS



306205



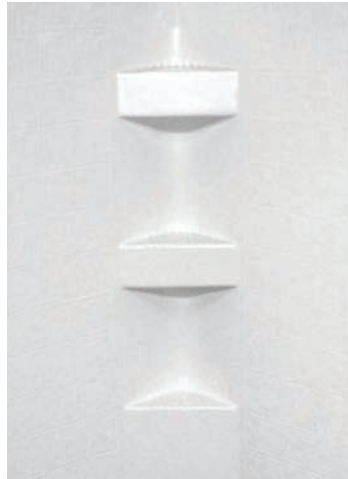
306202



306203



210324



306204



306201

part no.	description	color	finish
210305	24" x 36" x 59" Shower Surround	White	Picture Frame
209461	24" x 36" x 59" Shower Surround	Parchment	Picture Frame
210307	24" x 36" x 62" Shower Surround	White	Picture Frame
209463	24" x 36" x 62" Shower Surround	Parchment	Picture Frame
210316	24" x 40" x 59" Shower Surround	White	Picture Frame
306207	24" x 40" x 58" Shower Surround	White	Tile
306206	24" x 40" x 58" Shower Surround	Parchment	Tile
210394	24" x 40" x 62" Shower Surround	White	Tile

part no.	description	color	finish
209512	24" x 40" x 62" Shower Surround	Parchment	Tile
247190	27" x 27" x 65" Neo Angle Shower Surround	White	Tile
247191	27" x 27" x 65" Neo Angle Shower Surround	Parchment	Tile
210324	32" x 32" x 68" Neo Angle Shower Surround	White	Picture Frame
306202	34" x 34" x 64" Neo Angle Shower Surround	Parchment	Slate
306204	34" x 34" x 64" Neo Angle Shower Surround	White	Slate
306203	34" x 34" x 68" Neo Angle Shower Surround	Parchment	Slate
306201	34" x 34" x 68" Neo Angle Shower Surround	Parchment	Tile
306205	34" x 34" x 68" Neo Angle Shower Surround	White	Slate

## STAINLESS STEEL SINKS

Available in single bowl and double bowl varieties. Modern .3937" covered corners give a sleeker look than the standard .5" corners, but are easier to clean than zero radius corners. Stainless steel material makes for easy clean up and a modern appearance. Standard 3-1/2" drain opening is compatible with most garbage disposals and drain baskets. Channel grooves prevent sitting water in the sink bowl.

### FEATURES

- Premium quality at an affordable price
- Stylish modern design with square corners
- Made of extra thick, durable steel
- Modern .3937" covered corners give a sleeker look
- Standard 3-1/2" drain opening is compatible with most garbage disposals and drain baskets
- 20 gauge T-304 stainless steel meets or exceeds industry standards mandated by IAPMO



389910



421572



388415



388412



426017

part no.	description	size	color	mount
388412	Double Bowl Sink; Drawn; 20 Ga	27" x 16" x 7"	Stainless Steel	Top/Under Mount
388414	Double Bowl Sink; Drawn; 20 Ga	25" x 15" x 7"	Stainless Steel	Top/Under Mount
388415	Offset Double Bowl Sink; Drawn; 20 Ga	32" x 17" x 7"	Stainless Steel	Under Mount
389910	Single Bowl Square Sink; Farmers	27" x 16" x 7"	Stainless Steel	Under Mount
389911	Double Bowl Level Break Square Sink; Farmers	27" x 16" x 7"	Stainless Steel	Under Mount
421572	Single Bowl Square Sink	25" x 15" x 7"	Stainless Steel	Under Mount
426017	Trough Sink	14" x 10" x 6"	Stainless Steel	Under Mount



## SINKS & SINK COVERS



209401



209635 & 209358



209407 & 306192



209404, 306193 & 306194



209586, 307014 & 306197



209694, 306198 & 306199



209351



209630



209356

type	part no.	description	color	matching sink cover
Lavatory Sinks	209358	17" x 20" Oval Lavatory Sink; 3 Holes	Parchment	
	209635	17" x 20" Oval Lavatory Sink; 3 Holes	White	
	209354	14" x 17" Oval Lavatory Sink; 3 Holes	Parchment	
	344156	13" x 15" Lavatory Sink; 3 Holes	Parchment	
Kitchen/ Galley Sinks	209401	25" x 17" Double Sink; 3 Holes	Parchment	
	209404	25" x 19" Double Sink; 3 Holes	Parchment	<b>306193</b> (25" x 19" Two-Piece; Large) <b>306194</b> (25" x 19" Two-Piece; Small)
	209586	25" x 19" Double Sink; 3 Holes	Stainless Steel Color	<b>307014</b> (25" x 19" Two-Piece; Large) <b>306197</b> (25" x 19" Two-Piece; Small)
	209694	25" x 19" Double Sink; 3 Holes	White	<b>306198</b> (25" x 19" Two-Piece; Large) <b>306199</b> (25" x 19" Two-Piece; Small)
	209407	25" x 19" Single Sink; 3 Holes	Parchment	<b>306192</b> (25" x 19" One-Piece)
	209688	25" x 17" Double Bowl Sink; 3 Holes	White	
	344157	15" x 15" Corner Bar Sink; 2 Holes	Parchment	
Outdoor Kitchen/ Galley Sinks	209351	13" x 15" Square Galley/Kitchen Sink	Parchment	
	209630	13" x 15" Square Galley/Kitchen Sink	White	
	209356	15" x 15" Square Galley/Kitchen Sink; 3 Holes	Parchment	

**FAUCETS**

# THOUGHTFULLY DESIGNED WITH MODERN IN MIND

Add a splash of modern to your kitchen or bath with a Stainless Steel Faucet by Lippert Components. Available in a variety of spout constructions like coiled spring and high-arched, we're challenging how the world feels about faucets. Thoughtful designs and convenient features add a splash of, dare we say, fun to your every day. Constructed with quality stainless steel, these sleek faucets are designed for maximum lifespan and durability.

**FEATURES**

- 304 Grade stainless steel construction
- Pull-down faucet head with toggle
- Toggle for stream or spray options
- Easy DIY installation
- Pairs well with stainless steel sink sets by Lippert Components\*

\*Items sold separately



part no.	description	height	depth
719323	Spring Faucet; Single Hole Faucet	16.69"	8.26"
719324	Curved Gooseneck Faucet; Single Hole Faucet	14.18"	8.15"
719325	Square Gooseneck Faucet; Single Hole Faucet	13.67"	7.87"
719326	Pull Down Sprayer Faucet; Single Hole Faucet	17.15"	9.13"
719333	Bullet Pull Down Faucet; Single Hole Faucet	17.15"	9.06"
719335	Alphon Pull Down Faucet; Single Hole Faucet	17.15"	9.12"

# FRESH WATER WHEN YOU NEED IT



The Flow Max® water pump delivers a steady flow of water to your RV. Compared to other water pumps on the market, Flow Max delivers superior pressure performance, averaging 50 PSI with an average 3.0 gallons per minute water flow (12V version). This is especially important on larger RVs that have extended plumbing running between the source point and the pump. Flow Max also features the quiet, disturbance-free operation campers need. Flow Max offers superior performance all at a price below similar products on the market today.

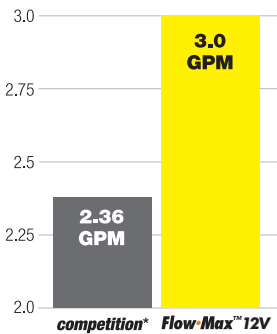
## SPECIFICATIONS

- Average 3.0 gallons per minute (GPM) flow -  
*Competition \*averaged 2.36 GPM when independently tested*
- Average leading pressure of 45 PSI -  
*Competition \*averaged 42 PSI when independently tested*
- Freeze/thaw tested up to five 2-hour cycles -  
*Competition's \*housing cracked after one cycle*

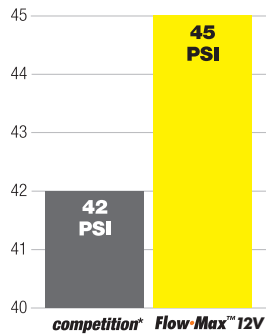


Accessory parts included!

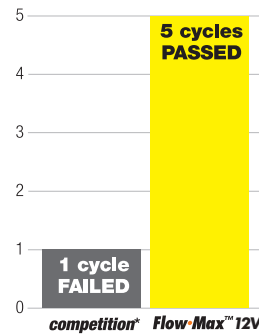
Average Gallons Per Minute



Average Leading Pressure



Freeze/Thaw 2-Hour Cycle



## FEATURES

- Self-priming
- Quiet operation
- 2-year limited warranty
- 12V VDC, 9.5 max amps
- Available in 12V and 115V
- Certified to NSF/ANSI 372 by CSA
- Heavy-duty, corrosion resistant motor
- Pump can run dry without incurring damage

\*Compared to SHURflo® Revolution™ 4008 Fresh Water Pump. Independently tested by Progressive Engineering, Inc, Goshen, Indiana USA.


part no.	description
689052	12-V Flow Max Water Pump
689054	115-V Flow Max Water Pump
689059	Screen, Filter and Connectors

# FURNITURE/ MATTRESSES



Quality workmanship and unsurpassed comfort are the foundation upon which every piece of Thomas Payne® Collection furniture is built. Equally impressive is the high level of functionality this furniture offers. With six styles of furniture and multiple fabric options to choose from, we have all the seating and sleeping options to suit your needs.

# THOMAS PAYNE® COLLECTION

by  Lippert Components®



**All fabrics are made of PolyHyde™ Euro Leather vinyl**

To clean your Thomas Payne furniture, simply mix mild soap with warm water and dampen a clean rag or sponge to wipe away any dirt or spills.



## HERITAGE THEATER SEATING

Not only does Thomas Payne Collection Theater Seating feature plush, inviting and easy-to-clean PolyHyde™ upholstery, it also has an optional center console that provides a storage compartment and two recessed cup holders. This versatile and attractive modular theater seating features smoothly operating recliners and requires minimum wall clearance.

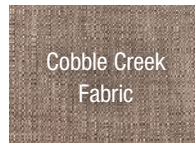
- Removable back makes it easy to install
- Order with or without center storage console
- Order with or without armless recliner
- Configure pieces to fit your space
- Space-saving wall hugger reclining components
- Modular seating easy to set up
- Fits through 26" entry door
- Chaise-style footrest



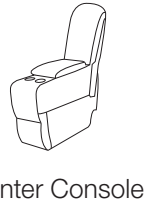
HERITAGE THEATER SEATING SHOWN IN COBBLE CREEK



part no.	description
386637	Heritage - Left Arm, Majestic Chocolate
386638	Heritage - Right Arm, Majestic Chocolate
386639	Heritage - Center Console, Majestic Chocolate
700329	Heritage - Armless Recliner, Majestic Chocolate
759209	Heritage - Left Arm, Cobble Creek
759208	Heritage - Right Arm, Cobble Creek
759211	Heritage - Center Console, Cobble Creek
759212	Heritage - Armless Recliner, Cobble Creek
386644	Heritage - Left Arm, Grantland Doeskin
386645	Heritage - Right Arm, Grantland Doeskin
386647	Heritage - Center Console, Grantland Doeskin
700347	Heritage - Armless Recliner, Grantland Doeskin



Both Heritage and Seismic Series Have 4 Modular Components Available





## SEISMIC THEATER SEATING

At home or in your RV, attractive comfortable, quality furniture always brings people together and adds life to any room. Luxurious Thomas Payne Collection Seismic Series seating features durable construction and the finest quality materials. Thomas Payne furniture is available in a variety of configurations to compliment your RV and provide lasting comfort and relaxation. Four modular pieces allow you to configure any combination.

- Removable back makes it easy to install
- Order with or without center storage console
- Order with or without armless recliner
- Configure pieces to fit your space
- Space-saving wall hugger reclining components
- Modular seating easy to set up
- Fits through 26" entry door
- Chaise-style footrest
- Lighted cup holders and base
- Power recline
- Massage
- Heat



SEISMIC THEATER SEATING  
SHOWN IN MAJESTIC CHOCOLATE



power recline

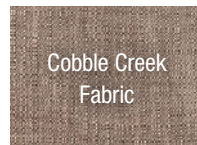
heat

massage

lights

### Features on the Seismic Series

part no.	description
759232	Seismic - Left Arm, Majestic Chocolate
759229	Seismic - Right Arm, Majestic Chocolate
759233	Seismic - Center Console, Majestic Chocolate
759237	Seismic - Armless Recliner, Majestic Chocolate
759239	Seismic - Left Arm, Cobble Creek
759238	Seismic - Right Arm, Cobble Creek
759253	Seismic - Center Console, Cobble Creek
759240	Seismic - Armless Recliner, Cobble Creek
759217	Seismic - Left Arm, Grantland Doeskin
759216	Seismic - Right Arm, Grantland Doeskin
759225	Seismic - Center Console, Grantland Doeskin
759226	Seismic - Armless Recliner, Grantland Doeskin



Cobble Creek  
Fabric



Majestic Chocolate  
PolyHyde



Grantland Doeskin  
PolyHyde

All the great features of the Heritage Series PLUS:



LED cup holders with  
Power Recline, Heat  
& Massage



LED Trim  
Lights



Power and USB  
in armless foldown

## TRI-FOLD SOFA

Not only does Thomas Payne Collection Theater Seating feature plush, inviting and easy-to-clean PolyHyde™ upholstery, it also has an optional center console that provides a storage compartment and two recessed cup holders. This versatile and attractive modular theater seating features smoothly operating recliners and requires minimum wall clearance.



- Stylish residential comfort
- Fits through 26" entry door
- Large storage space in base
- Converts to a bed in four easy steps
- Removable back makes it easy to install
- Takes up one foot less space than traditional hide-a-bed sofas



TRI-FOLD SOFA SHOWN IN GRANTLAND DOESKIN



part no.	description
759202	62" Tri-Fold Sofa, Majestic Chocolate
759204	62" Tri-Fold Sofa, Cobble Creek
759200	62" Tri-Fold Sofa, Grantland Doeskin
377708	68" Tri-Fold Sofa, Majestic Chocolate
759206	68" Tri-Fold Sofa, Cobble Creek
379930	68" Tri-Fold Sofa, Grantland Doeskin



THOMAS PAYNE  
COLLECTION™

SWIVEL GLIDER RECLINER

Enjoy total relaxation whether sitting upright or fully reclined in the classic Thomas Payne Collection Push Back Recliner or Swivel Glide Recliner. Choose from 3 elegant colors to match your trailer décor.

- Versatile 360° swivel base and glider action
- Removable back makes it easy to install
- Fits through 26" entry door
- Smooth reclining action
- Chaise-style footrest



SHOWN IN MAJESTIC CHOCOLATE

part no.	description
759294	Swivel Glide Recliner, Majestic Chocolate
759298	Swivel Glide Recliner, Cobble Creek
759295	Swivel Glide Recliner, Grantland Doeskin

PUSH BACK RECLINER

Enjoy total relaxation whether sitting upright or fully reclined in the classic Thomas Payne Collection Push Back Recliner or Swivel Glide Recliner. Choose from 3 elegant colors to match your trailer décor.

- Chaise-style footrest
- Residential look and feel
- Compact and lightweight
- Fits through 26" entry door
- Removable back makes it easy to install
- Minimal effort needed for smooth reclining



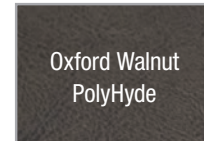
SHOWN IN COBBLE CREEK

part no.	description
377054	Push Back Recliner, Majestic Chocolate
759299	Push Back Recliner, Cobble Creek
380398	Push Back Recliner, Grantland Doeskin

## JACKKNIFE SOFA

With one easy motion, the steel-framed Jackknife RV Sofa converts to a bed of high-density foam. The steel spring seat supports provide a sturdy base for relaxing or sleeping.

- Converts to a bed in one easy motion
- Comes with matching kick board
- Leg kit also available - purchase separately
- Fold-down center with cup holders
- Fits through most entry doors



SHOWN IN OXFORD WALNUT

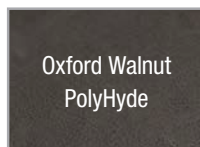
ALL JACKKNIFE SOFAS COME WITH A KICKBOARD. LEG KIT ALSO AVAILABLE, BUT MUST BE ORDERED SEPARATELY, PART # 364582

part no.	description
436376	62" Jackknife Sofa, Oxford Tan
436377	62" Jackknife Sofa, Oxford Walnut
759275	62" Jackknife Sofa, Cobble Creek
436380	68" Jackknife Sofa, Oxford Tan
436381	68" Jackknife Sofa, Oxford Walnut
759284	68" Jackknife Sofa, Cobble Creek
436384	72" Jackknife Sofa, Oxford Tan
436385	72" Jackknife Sofa, Oxford Walnut
759291	72" Jackknife Sofa, Cobble Creek
364582	Jackknife Sofa Leg Kit

## EURO RECLINER CHAIR

Relax after a long day of adventure in the comfortable and compact Thomas Payne Collection Euro Recliner Chair. This versatile seat is covered in attractive and durable PolyHyde™ upholstery and features a comfortable footrest.

- Beautiful wood base with 360° swivel
- Lightweight and versatile
- Sleek European design
- Smooth reclining motion
- Incorporated footrest
- Fits through 26" entry door



SHOWN IN OXFORD TAN

SHOWN IN OXFORD WALNUT

part no.	description
643643	Euro Recliner Chair, Oxford Tan
643644	Euro Recliner Chair, Oxford Walnut

# THE PERFECT COMBINATION OF COMFORT & SUPPORT

Wake up relaxed and rejuvenated with the RV Supreme Euro Top all-foam Denver Mattress, featuring a high-quality foam core and Euro top quilt for total support, luxurious comfort and long-lasting durability. The 1.8-lb, high-density foam in quilt layers support your body to promote proper sleeping posture, relieve pressure points and reduce motion transfer between sleeping partners. Choose the RV Supreme Euro Top Denver Mattress to enjoy the comfort of home while on the road. posture, ensuring a better night's rest.



## RV Supreme Euro Top Mattress

- 9" high-density foam core supports body to promote proper sleeping posture
- 2" Euro top provides luxurious comfort and relieves pressure points
- 1.8-lb, high-density foam in quilt layers and plant-based foam provide long-lasting durability and comfort
- Luxury stretch knit cover is both soft and breathable
- All-foam construction prevents motion transfer and roll-together between sleeping partners
- Rigorously tested to ensure durability



part no.	description	size	weight
326395	Short Queen	60" x 75" x 11"	60 lbs.
326394	Queen	60" x 80" x 11"	64 lbs.
326393	Narrow King	72" x 80" x 11"	78 lbs.
326388	King	76" x 80" x 11"	82 lbs.
326391	Short Queen - Radius Corners	60" x 75" x 11"	59 lbs.
326390	Queen - Radius Corners	60" x 80" x 11"	63 lbs.
326389	Narrow King - Radius Corners	72" x 80" x 11"	77 lbs.
326392	King - Radius Corners	76" x 80" x 11"	81 lbs.



FURNITURE/MATTRESS

**Rest Easy Plush**

- 4" high-density foam core offers support for proper sleeping posture
- 1.8-lb. high-density foam in quilt layers relieves pressure points
- Stretch knit cover is both soft and breathable



part no.	description	size	weight
360163	30 x 72 Bunk	30" x 72" x 5"	18 lbs.
360164	34 x 75 Bunk	34" x 75" x 5"	21 lbs.
360165	Twin	38" x 75" x 5"	23 lbs.
360167	Three Quarter	48" x 75" x 5"	28 lbs.
360168	Full	54" x 75" x 5"	31 lbs.
360170	Short Queen	60" x 75" x 5"	34 lbs.
360171	Queen	60" x 80" x 5"	35 lbs.



**Rest Easy Euro Top**

- 7" high-density foam core offers firm support for proper sleeping posture
- 2" Euro top style quilt relieves pressure points
- Luxury stretch knit cover is both soft and breathable
- All-foam construction reduces motion transfer and roll-together between sleeping partners



part no.	description	size	weight
360172	Short Queen	60" x 75" x 9"	57 lbs.
360174	Queen	60" x 80" x 9"	57 lbs.
360173	Narrow King	72" x 80" x 9"	72 lbs.
360175	King	76" x 80" x 9"	74 lbs.



**RV Luxe**

- 15 gauge twice tempered pocket coils
- 2" high quality latex foam
- 1.5" Serene foam to cradle the body
- Hybrid construction reduces motion transfer
- Breathable and cooling plush luxury feel
- Adjustable base compatible



part no.	description	size	weight
706886	Short Queen	60" x 75" x 12"	85 lbs.
706887	Queen	60" x 80" x 12"	85 lbs.
706888	Narrow King	72" x 80" x 12"	85 lbs.
706889	King	76" x 80" x 12"	95 lbs.





### Sheet Sets

- Set Includes: fitted sheet, top sheet and 2 pillow cases
- Available in Ivory

#### MICROFIBER SHEET SETS

- Ivory Color
- Ultra-soft brushed microfiber
- Extra-large top sheet
- Fit mattresses up to 11" deep
- Heavy-duty elastic perimeter for stay-put fit
- Include two pillowcases
- 1-year warranty

part no.	description
343515	Short Queen, 60" x 75"
343517	Queen, 60" x 80"
343519	King, 76" x 80"

#### ADJUSTABLE SHEET SETS

- Ivory Color
- Ultra-soft brushed microfiber
- Extra-large top sheet
- Fit mattresses up to 6" deep
- Adjustable drawstring fits unique mattress sizes
- Include two pillowcases
- 1-year warranty

part no.	description	size
343530	Short Queen	30-34" x 70-75"
343531	Queen	35-48" x 70-75"
343532	Narrow King	49-60" x 75-80"
343533	King	61-76" x 75-80"

### Perfect-Fit Mattress Protector

- Washable mattress protector
- Protects against stains, soils and dust mites
- Machine washable, hypoallergenic
- Water resistant
- Fits up to 12" deep mattress

part no.	description	size
656572	Queen	60" x 80" x 12"



# YOUR KIDS WILL BE HAPPY CAMPERS

The Teddy Bear Bunk Mat by Lippert Components was designed to give kids a fun sleeping experience in the RV. It's just like sleeping with your favorite stuffed animal. The Teddy Bear Bunk Mat is available in a variety of sizes to fit all bunk spaces and height profiles range from 2.5 to 4 inches. This luxurious bunk mat is made in the USA and features a hypoallergenic, water-resistant and mold-resistant core.

## Teddy Bear Bunk Mattress



size	part no.	description
28" x 74"	359980	2.5" depth, Teddy Bear Chocolate
	345038	3" depth, Teddy Bear Chocolate
	353041	4" depth, Teddy Bear Chocolate
	358665	2.5" depth, Teddy Bear Tan
	375995	3" depth, Teddy Bear Tan
	380765	4" depth, Teddy Bear Tan

size	part no.	description
32" x 74"	359982	2.5" depth, Teddy Bear Chocolate
	345041	3" depth, Teddy Bear Chocolate
	353041	4" depth, Teddy Bear Chocolate
	360909	2.5" depth, Teddy Bear Tan
	374921	3" depth, Teddy Bear Tan
	380766	4" depth, Teddy Bear Tan

size	part no.	description
50" x 74"	380762	2.5" depth, Teddy Bear Chocolate
	345046	3" depth, Teddy Bear Chocolate
	380769	4" depth, Teddy Bear Chocolate
	380763	2.5" depth, Teddy Bear Tan
	380764	3" depth, Teddy Bear Tan
	380768	4" depth, Teddy Bear Tan

### FEATURES

- Made in the USA
- Designed to give kids a fun sleeping experience
- Like sleeping with your favorite stuffed animal
- Multiple sizes and height profiles to fit your RV bunk mat space
- Hypoallergenic, water resistant, mold resistant and recyclable

### AVAILABLE COLORS



# COMFY, COZY TEDDY BEAR SOFTNESS

## Teddy Bear Bunk Mattress Cover



Teddy Bear Tan

Teddy Bear Chocolate



The Teddy Bear Bunk Mattress Cover is the cuddly-cozy alternative to your plain old bunk mattress! With its unique teddy bear-like material, the Teddy Bear Bunk Mattress Cover provides a soft and inviting sleep surface while protecting your mattress from dirt and debris. The soft and comforting sleep surface is perfect for children. Available in multiple sizes and two color options, the Teddy Bear Bunk Mattress Cover easily zips onto your existing RV bunk mattress, providing a plush, inviting sleep surface perfect for lounging and sleeping.

### FEATURES

- Cover simply slips over the existing bunk mattress
- Helps protect your mattress from dirt and grime
- Provides a soft and ultra-comfortable sleep surface
- Made with 100% polyurethane synthetic fiber
- Easy to fold and compact for storage

size	part no.	description
28" x 74"	679278	3" depth, Teddy Bear Chocolate
	679284	4" depth, Teddy Bear Chocolate
	679279	3" depth, Teddy Bear Tan
	679282	4" depth, Teddy Bear Tan

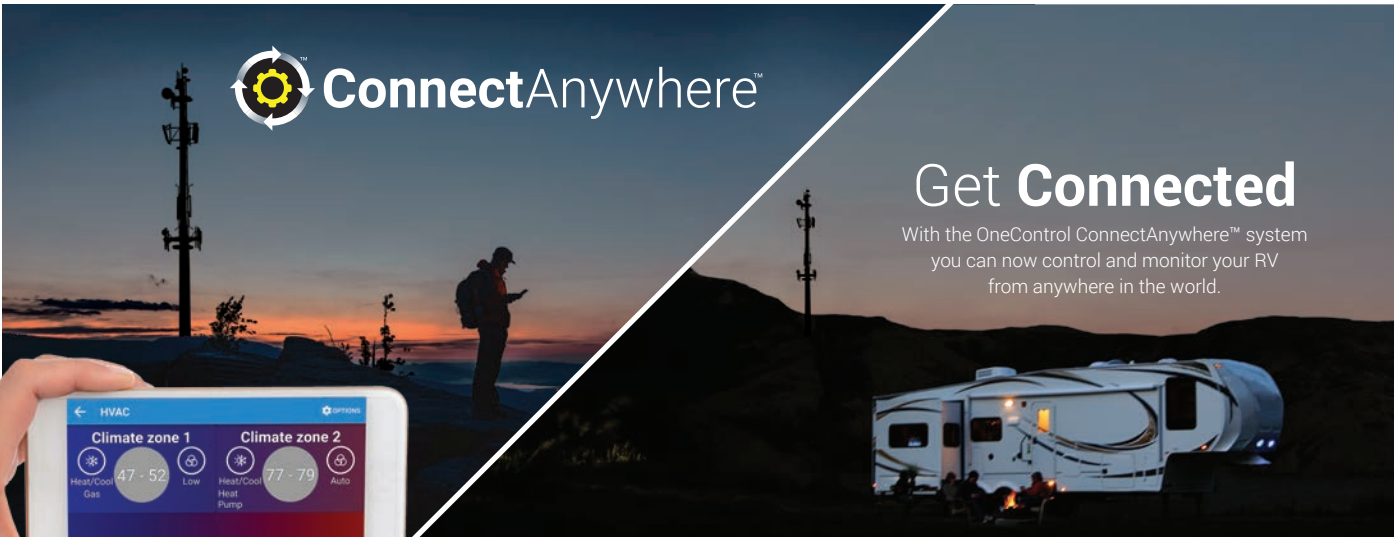
size	part no.	description
32" x 74"	679285	3" depth, Teddy Bear Chocolate
	679299	4" depth, Teddy Bear Chocolate
	679294	3" depth, Teddy Bear Tan
	679300	4" depth, Teddy Bear Tan

size	part no.	description
50" x 74"	679280	3" depth, Teddy Bear Chocolate
	679301	4" depth, Teddy Bear Chocolate
	679281	3" depth, Teddy Bear Tan
	679302	4" depth, Teddy Bear Tan

# ONECONTROL®







**ConnectAnywhere™**

## Get Connected

With the OneControl ConnectAnywhere™ system you can now control and monitor your RV from anywhere in the world.

OneControl ConnectAnywhere allows owners to control and monitor certain functions on their RV from virtually anywhere in the world where there is a wireless signal. With the OneControl ConnectAnywhere Prepped Kit, select RV brand owners\* can now transform their OneControl Wireless™ system to a truly connected RV with real-time diagnostic ability. Control these functions and more from your smart device:



**Package contains:**

- 1 - MyRV Cloud Gateway Assembly
- 1 - Cellular Gateway
- 1 - Ethernet cable
- 2 - SMA M/M Cellular Coax Cable Right Angle 12"
- 1 - 2.5mm x 5.5mm RA DC to IDS Power Connector cable, 18"
- 1 - User guide
- 1 - Mounting Screws

### FEATURES

- Control and monitor certain functions on your RV virtually anywhere you have a wireless signal\*\*
- ConnectAnywhere remote functions include lighting, generator operation, water heater/pump operation, tank monitoring and HVAC controls†
- Voice control capabilities; Compatible with Amazon Alexa††
- ConnectAnywhere owners enjoy diagnostic capabilities through Lippert Component's state-of-the-art customer service center. Get real-time alerts and trouble-shooting techniques on potential issues that could affect your hard-earned vacation
- ConnectAnywhere diagnostics capabilities allow for instant, seamless support from a Lippert Components customer service representative
- Only for use on RV brands specifically prepped for OneControl ConnectAnywhere. Please visit [www.lci1.com/onecontrol](http://www.lci1.com/onecontrol) to see if your RV is prepped for ConnectAnywhere

\*Not all OneControl owners are prepped for OneControl ConnectAnywhere. Visit [www.lci1.com/onecontrol](http://www.lci1.com/onecontrol) for a complete list of ConnectAnywhere prepped RV brands.

\*\*Certified for use for Rogers (CA) & AT&T, 3G bands II/IV/V & 4G LTE bands 2/4/12

†Advertised functions may not be available on your RV brand. Consult your owner's manual for a complete list of functions offered for your coach.

††Amazon smart speakers (Echo, Echo Dot) sold separately

part no.	description
769465	OneControl ConnectAnywhere Prepped Kit



The OneControl Hotspot™ was designed and engineered for the mobile lifestyle. The weatherproof, externally-mounted antenna array increases your signal range far beyond a simple “off-the-shelf” mobile hotspot that can lose strength by just moving your device around the campsite. OneControl utilizes Direct Link Technology specifically designed for the RV lifestyle. Direct Link Technology provides the fastest 4G LTE connectivity available, up to 150Mbps per second, so you’re connected wherever the road may take you.

**FEATURES**

- Direct Link Technology provides the fastest 4G LTE connectivity available, up to 150Mbps
- Weatherproof externally mounted 4G antennas provide superior coverage
- Designed and engineered for the mobile lifestyle
- 2.4 GHz WiFi antennas designed to provide coverage at a longer range
- MiMo technology for use with multiple devices
- More secure connection than open campground WiFi networks
- Dual power options; 120V AC adapter or permanently connect to your RV’s 12V DC system
- Four additional Ethernet ports to connect additional devices
- Certified for use for Rogers (CA) & AT&T, 3G bands II/IV/V & 4G LTE bands 2/4/12



**What's in the Box**

- 1 - External roof mount 4G cell antenna array
- 2 - Portable 4G cell antennas
- 2 - 2.4GHz Wi-Fi antennas
- 1 - 120V AC power supply
- 1 - LCI Hotspot Wi-Fi router
- 2 - 10' 4G cell antenna cables
- 1 - Wired 12V DC/DC power supply
- 6 - #8 hex/slotted head mounting screw

part no.	description
770656	OneControl Hotspot