

# 2018 DEALER CATALOG



LIPPERT  
COMPONENTS®



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

# GIVING BACK

TO THE COMMUNITIES IN WHICH WE LIVE

# 100,000

HOURS OF COMMUNITY SERVICE



Inspired by Our Communities,  
Invested in Positive Change



## THANK YOU

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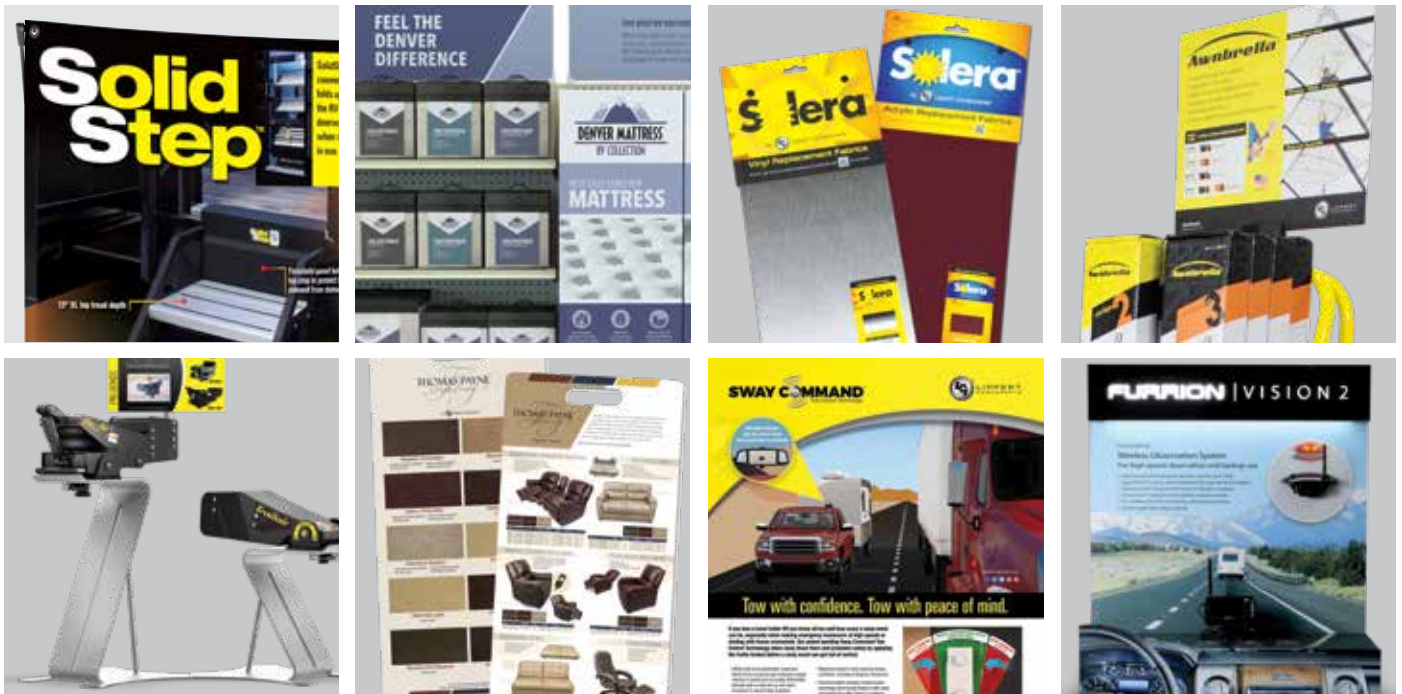
LCI's workforce of 9,000-strong would like to thank our dealer partners for their continued loyalty and support.

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.



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 2018 Merchandising Catalog for details.*

# ALIGNMENT/ SUSPENSION/ AXLES





**CORRECT TRACK™\_ SUSPENSION ALIGNMENT SYSTEM**

**YOUR CUSTOMERS WILL FEEL THE DIFFERENCE IN THEIR TOW AND IN THEIR WALLET**

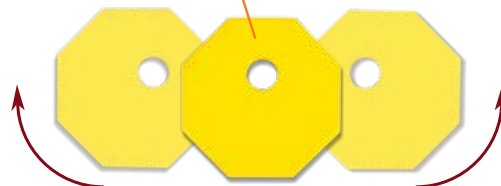


Correct Track™ by Lippert Components can be integrated into your RV suspension system to allow for simple and safe alignment adjustments to ensure your trailer tows with the tow vehicle, not against it. After performing an alignment check, we can customize the wheel alignment to your specific load requirements by turning the octagon cam in ¼-inch increments. Heavy slide-outs, appliances and cargo can cause unbalance, premature tire wear and uncontrollable RV vibration, but Correct Track suspension alignment system keeps your tires running smoothly, improves gas mileage and ultimately saves you money.



**FEATURES**

- Easy bolt-on installation
- Can improve fuel economy
- Tires run smoother and cooler
- Helps prevent uneven tire wear
- Trailer tows with the tow vehicle, not against it
- Prevents vibrations, protecting RV equipment from damage

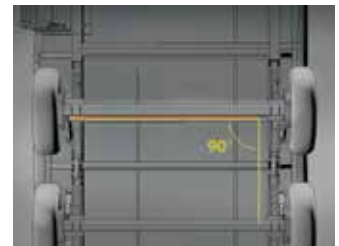


*Each turn clockwise or counterclockwise adjusts alignment 1/4 inch*

**Is your trailer pulling against you?**



*Misaligned suspension can cause uneven tire wear.*



*A properly aligned suspension tows straighter and can lead to better fuel mileage.*



*Correct Track is endorsed by The RV Doctor, Gary Bunzer.*

part no.	description
87120	Correct Track II Single Axle Kit
87220	Correct Track II Tandem Axle Kit
87320	Correct Track II Triple Axle Kit



## 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  
Bushings 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

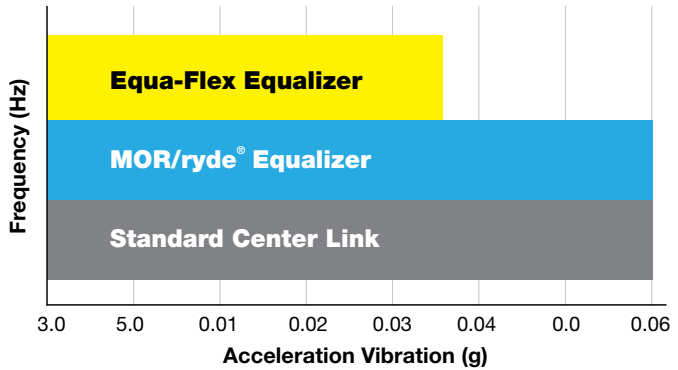
Our Never Fail Shackle, Bolt & Bushing kits come complete with all the hardware you need to replace your standard running gear kit. Replace today and forget about bushing maintenance forever.

# 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.



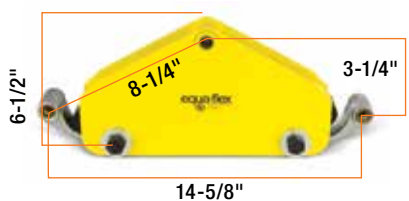
## Equa-Flex Equalizer Frame Chatter Testing Results



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

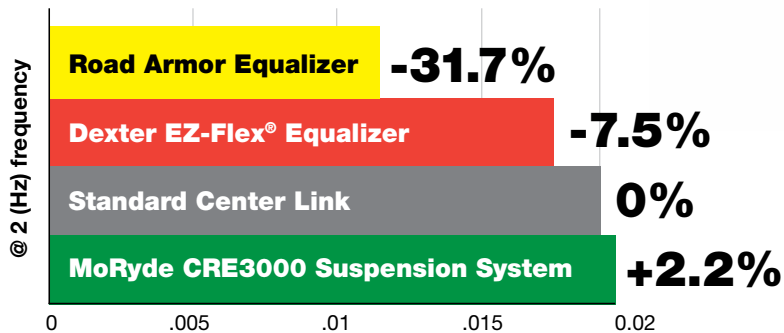


**ROAD ARMOR™\_ SHOCK ABSORBING EQUALIZER****360 DEGREES  
OF PROTECTION**

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)

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



\*Shocks not included with kit.

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.



5-5-1/4"

**Air Suspension Unit**



**Each kit comes complete with mounting hardware**

**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

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

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.



**Complete Shock Mount Kits**

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)



**Heavy-duty gas shock**

8.625" compressed length  
13.5" extended length



**Standard oil shock**

7.5" compressed length  
12" extended length

**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

## 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

- 2,000–12,000-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:

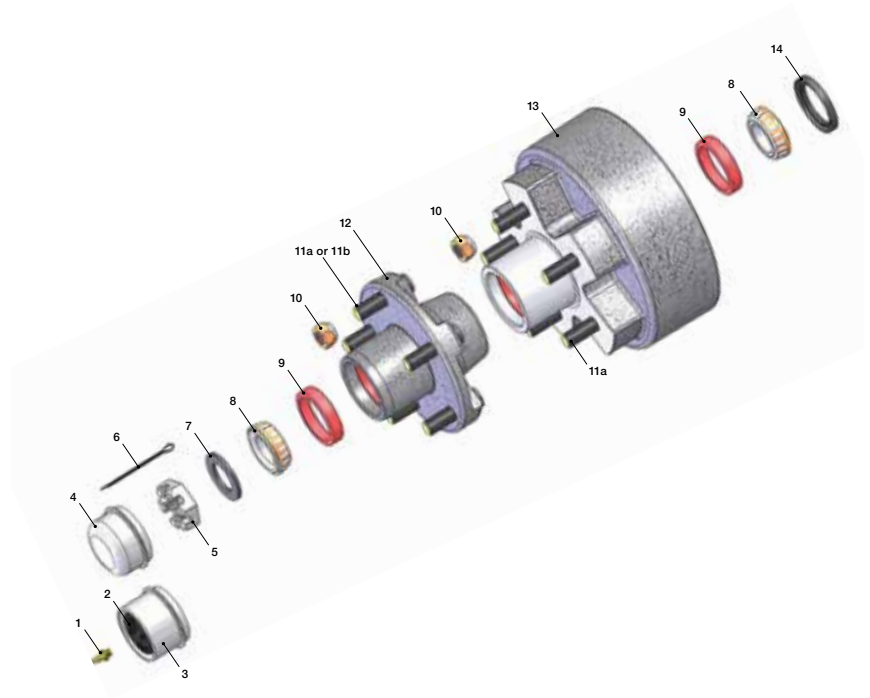
- Time-saving lubrication system requires no disassembly of wheels or hubs
- Makes changing grease easier and cleaner
- Super Lube system fills the entire bearing cavity with grease, allowing for complete submersion
- Grease cap with rubber plug allows easy access to grease zerk in axle spindle
- Pumping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



## AXLE REPLACEMENT PARTS\_ 2K & 3.5K

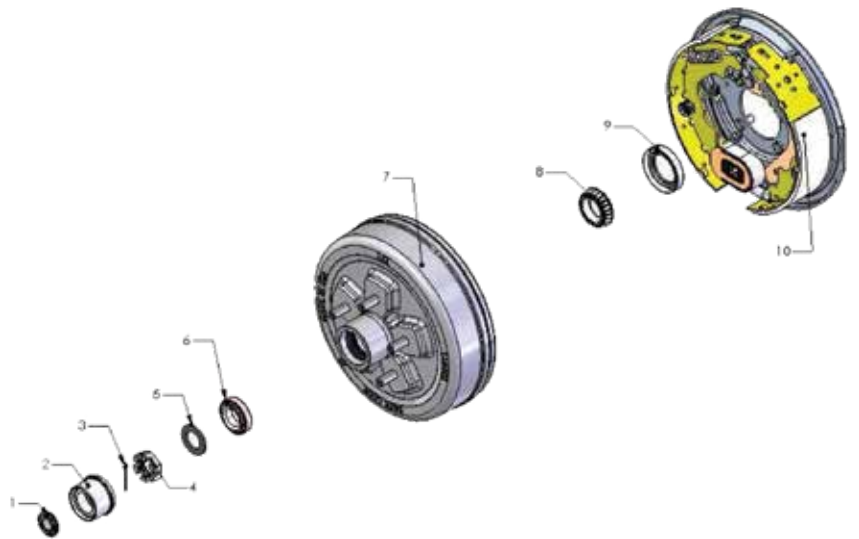
### 2K Wheel End Replacements

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	Idler Hub; 5 on 4.50; 5.50" Dia. Hub Flange
	158529	Idler Hub; 5 on 4.50; 6.50" Dia. Hub Flange
	134574	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	Dust Cap; 2" bore; super lube
	122099	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	Outer Bearing Cone L44649
	125102	Outer Bearing Cup L44610
7	122460	Hub Drum w/ cups & studs 5/4.5"
8	122092	Inner Bearing Cone L68149
	124296	Inner Bearing Cup L68111
9	122087	Grease Seal; Double Lip; 1.72" ID x 2.565" OD
10	122258	Brake Assembly 10" x 2.25" LH
	122450	Brake Assembly 10" x 2.25" RH
	136451	Shoe & lining kit for (1) brake
	136454	Magnet kit; green wire
	136452	Spring & hardware kit for (1) brake
	136453	Adjuster screw and spring kit

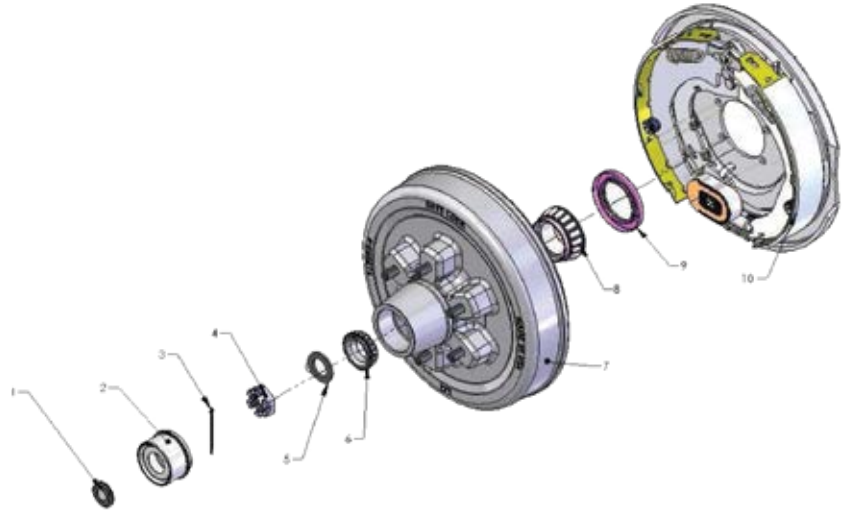


Use 5a/5b in place of 3 & 5 if spindle has no hole for cotter pin and has D-flat washer

## AXLE REPLACEMENT PARTS\_ 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

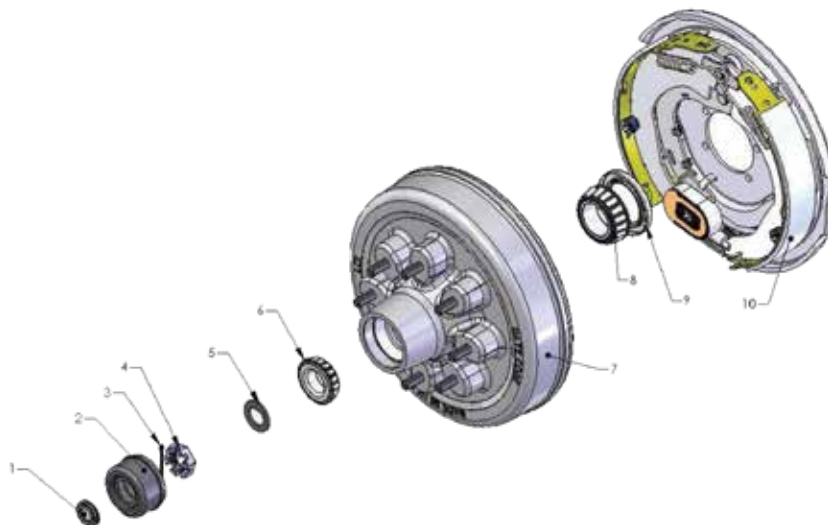


Use 5a/5b in place of 3 & 5 if spindle has no hole for cotter pin and has D-flat washer

## 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



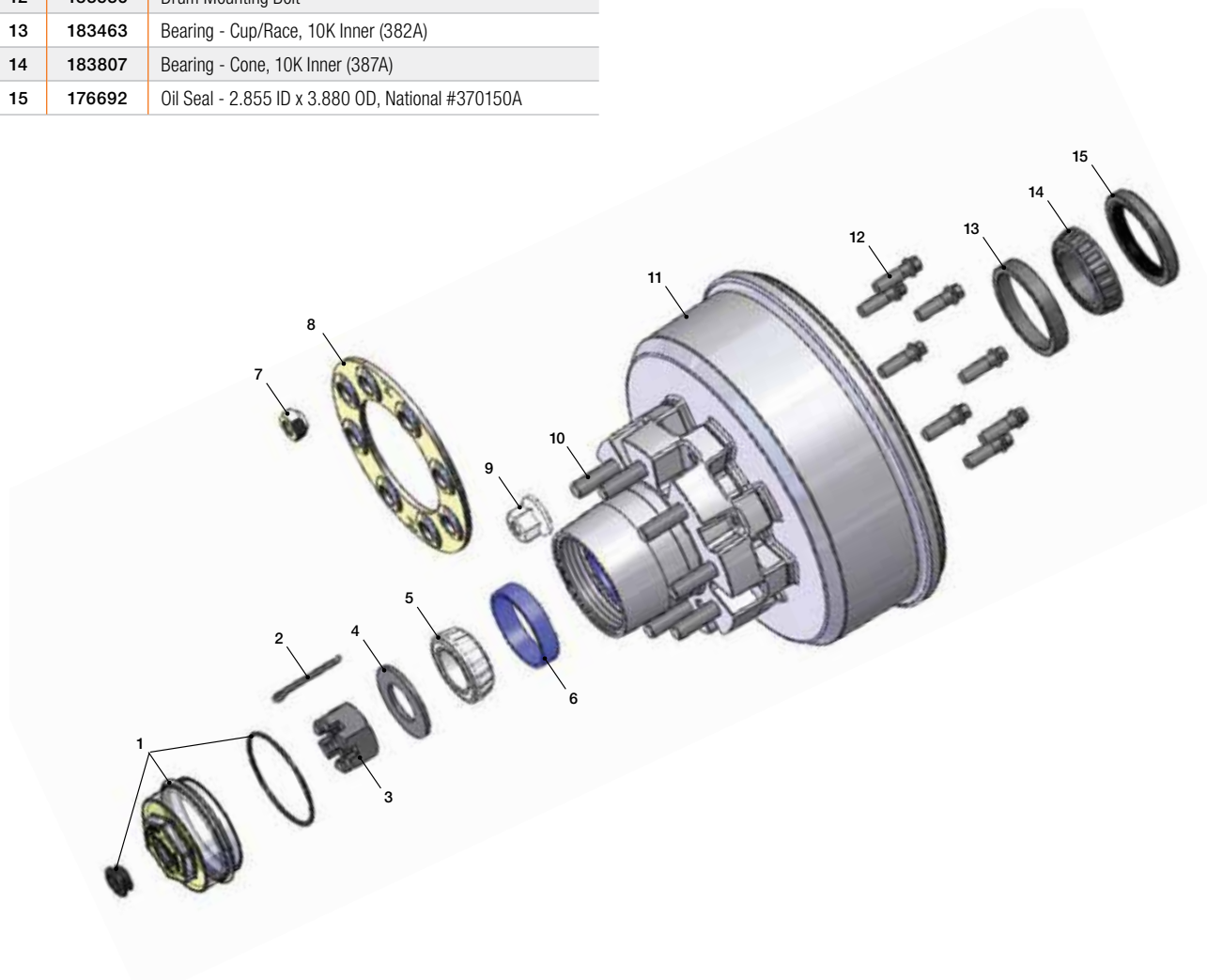
## AXLE REPLACEMENT PARTS\_10K

## 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



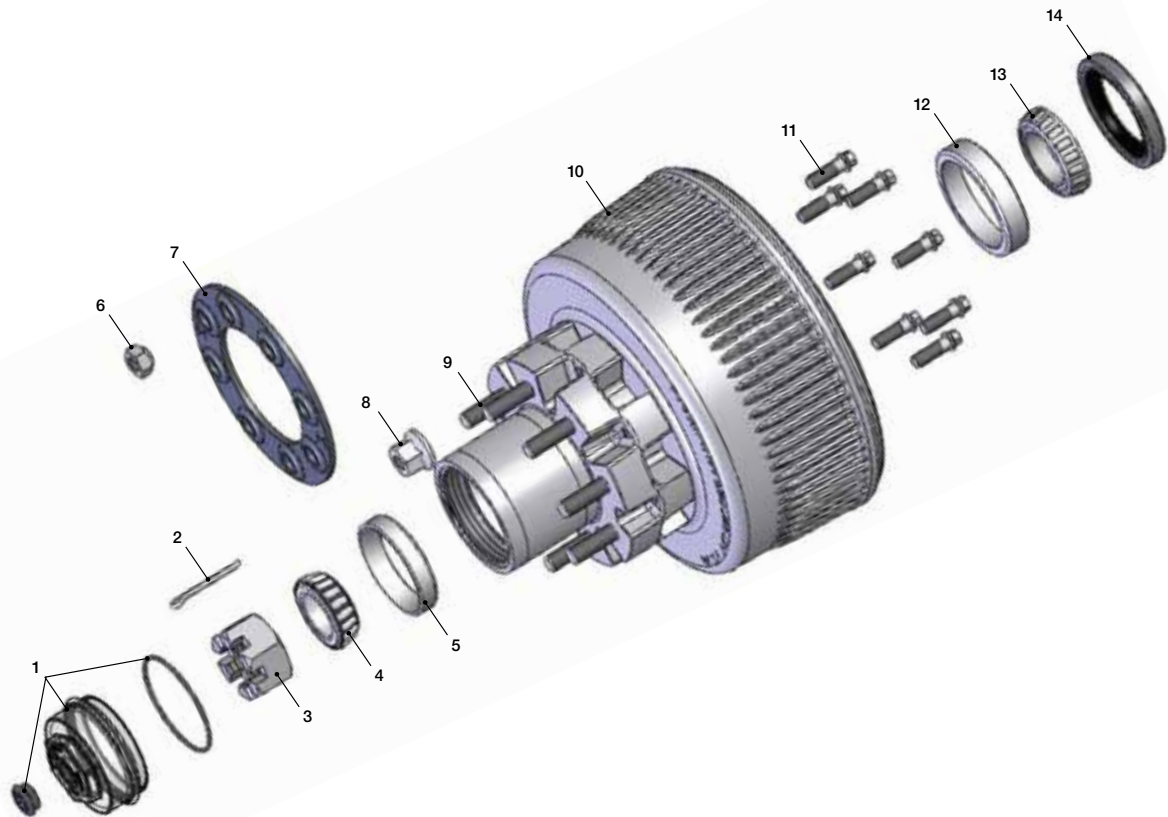
## AXLE REPLACEMENT PARTS\_12K

### 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



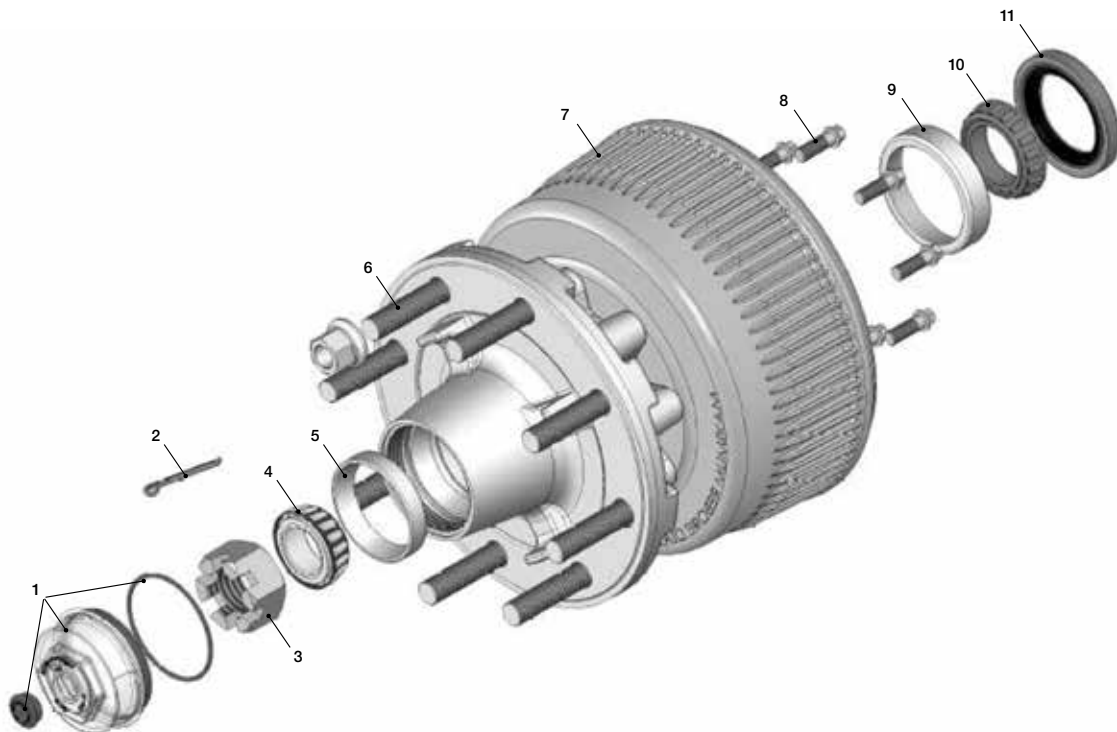
## AXLE REPLACEMENT PARTS\_ 16K

### 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



**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**

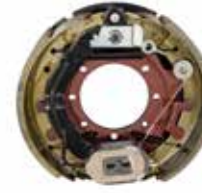
part no.	description
181935	LH Electric Brake Assembly; 10K (Single)
181936	RH Electric Brake Assembly; 10K (Single)



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)
136452	Spring & Hardware Kit (includes hold-down pin, cup, spring, adjustment & retractor spring)
136453	Adjustment Screw Kit (includes adjustment screw assembly & spring)
136454	Magnet Kit (includes magnet w/ green lead wires, retainer clip & spring)



136451



136452



136453



136454

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

part no.	description
136444	Shoe & Lining Kit (includes primary & secondary shoe/lining)
136445	Spring & Hardware Kit (includes hold-down pin, cup, spring, adjustment & retractor spring)
136453	Adjustment Screw Kit (includes adjustment screw assembly & spring)
136447	Magnet Kit (includes magnet w/ white lead wires, retainer clip & spring)



136444



136445



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

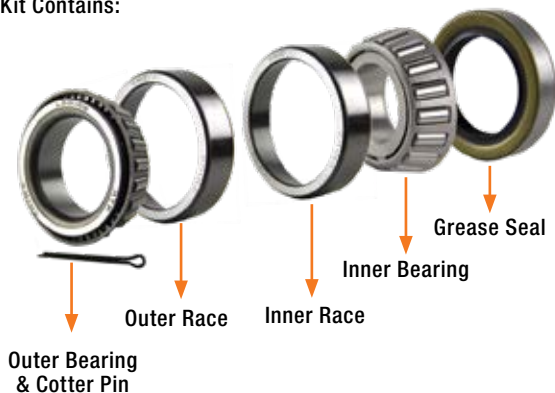
part no.	capacity	bolt pattern	stud size
122460	3500 lb.	5-4.5"	1/2"
122463	5200 to 6000 lb.	6-5.5"	1/2"
122465	6000 to 7000 lb.	8-6.5"	1/2"
141290	6000 to 7000 lb.	8-6.5"	9/16"

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
124886	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
122113	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



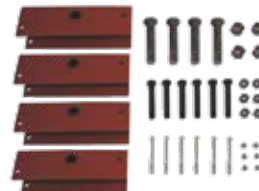
121100



128877



137383

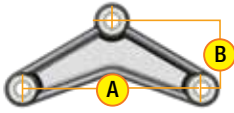


### Attaching Part Kits

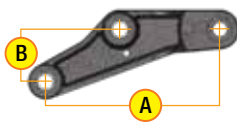
part no.	description
121101	Single Axle AP Kit; 3-1/8" Link
121097	Tandem AP Kit; 33" Axle Spacing; EQ-104
121098	Tandem AP Kit; 33" Axle Spacing; EQ-310
121099	Tandem AP Kit; 35" Axle Spacing; EQ-E1
121100	Triple AP Kit; 33" Axle Spacing; EQ-104 & 105
128877	Tandem Slipper AP Kit; 33.5" Axle Spacing;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

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

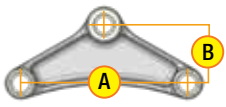
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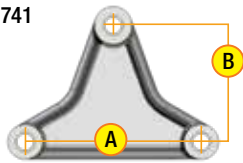
126277



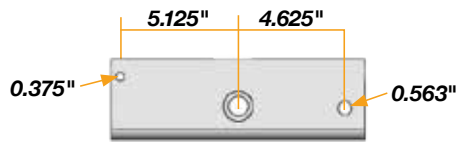
126460



126741



122771



**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



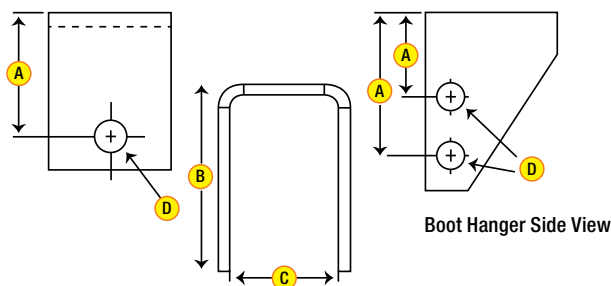
106185



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, .58ID x .7000 x 1.74
122255	Grease Zerk for LCI Super Lube Axles up to 8K

# LEVELING/ 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!



**NEW PRODUCT**



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

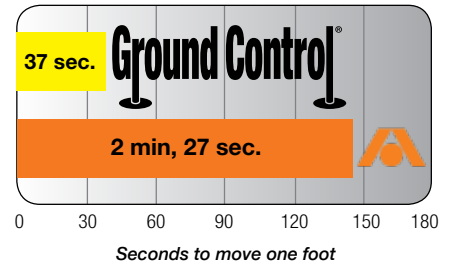


LEVELING/STABILIZATION

## AUTOMATIC ONE-TOUCH ELECTRIC LEVELING FOR 5<sup>TH</sup> 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.

Ground Control Speed vs. Atwood



Automatic, one-touch electric leveling



Only 3 minutes to level



Stronger, faster jacks



Easy bolt-on installation



Optional one-touch wireless remote

part no.	description
358590	Ground Control 3.0 Fifth-Wheel Kit; 4-Point
675817	Ground Control 3.0 Fifth-Wheel Kit; 6-Point



358590: Fifth-Wheel Kit



# NUMBER ONE RATED 5<sup>TH</sup> 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 STABILIZER JACKS**

**REDESIGNED FOR BETTER STABILITY AND FASTER SPEED**

After a long road trip, cranking manual scissor jacks can be a lengthy and strenuous process. Stabilize faster with Power Stabilizer Jacks. 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.

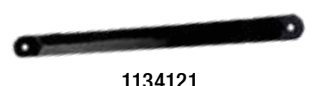


**FEATURES**

- Legs extend up to 30"
- Heavy-gauge steel construction
- **NEW** embossed legs add strength
- Lighter than previous models
- One motor independently controls both legs
- Powder-coat finish stands up to the elements
- **NEW** patented technology, motor is 2x faster
- Front and rear mounting applications available for maximum stability
- Jacks automatically adjust to the terrain



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



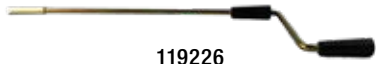
1134121



352338



266030



119226

## 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.



**NEW** bright halo effect LED light package shines down onto your ball and coupler where light is needed the most



**NEW** backlit buttons illuminate when any button is hit, and turn off automatically to reduce battery drain



### FEATURES

- **NEW** standard **XL** 9" diameter footpad
- **NEW** drop leg with four position height adjustments at 1-1/2" increments
- **NEW** backlit modern control panel replaces tired looking rocker switches
- **NEW** battery indicator alerts user of remaining coach battery life
- **NEW** Auto-Hitch Memory Function. Smart Jack remembers where your hitch height is
- **NEW** easy auto-retract feature retracts the jack to towing height without having to hold down the switch
- **NEW** 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

part no.	description
643589	Smart Jack - Black

**INDUSTRY FIRST  
XL 9" FOOTPAD**



## POWER TONGUE JACK



Stop wasting time cranking a manual tongue jack over and over. With just the flip of a switch, the 3,500-pound capacity Power Tongue Jack quickly lifts and lowers a travel trailer RV. The Power Tongue Jack is quiet and efficient and features four LED lights so it's easy to set up camp day or night.



### 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

part no.	description
285318	Power Tongue Jack - Black

## MANUAL JACKS



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



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

### FEATURES

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

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

## MANUAL SIDEWINDER JACKS



(hardware not shown)

### 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

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

**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







**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.

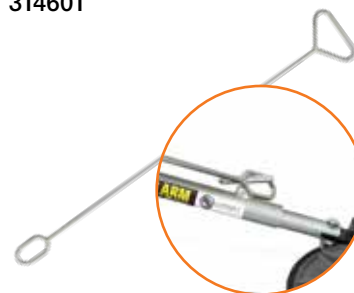
**314594**



**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**

## LANDING GEAR

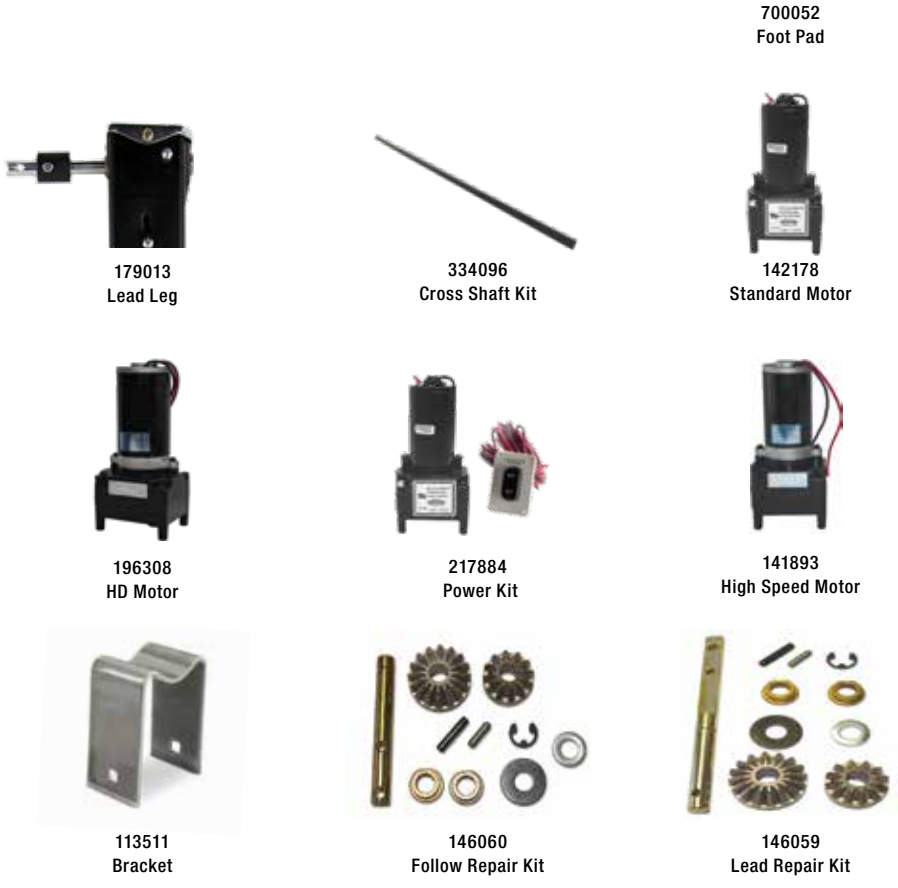
Power front landing gear is standard on most fifth-wheels produced today. Shouldn't your customers have access to the same time-saving feature? Easily raise the front of a fifth-wheel RV with our universal mount Power Landing Gear.

### 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



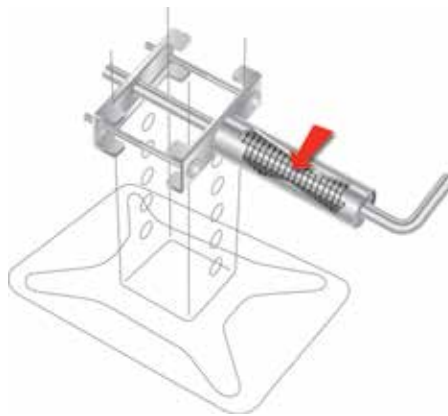
part no.	description
333964	6,000 lb. Universal Mount Power Landing Gear Kit (Includes legs, feet, pins, brackets, crank handle, gears, motor & switch)
333966	6,000 lb. Universal Mount Manual Landing Gear Kit (Includes legs, feet, pins, brackets, crank handle & gears)
217884	Standard Landing Gear Motor & 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



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
294156	Snap Pin 3/8" x 2"
329267	Snap Pin 3/8" x 2" – 2/pkg.



9" Round Jack Pad



Standard Landing Gear Foot

# TOWING



**Flex Air**  
Trailair 





Red light indicator tells the driver when Sway Command is activated



## TOW WITH CONFIDENCE. TOW WITH PEACE OF MIND.

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.



**Faster than human response!**

part no.	description
380605	Sway Command - Tow Control Technology

### 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
- 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

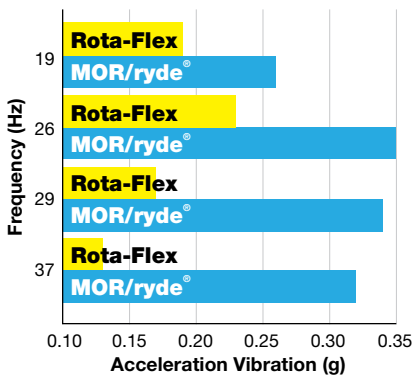
## Air Ride

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

## STANDARD\_PIN BOXES

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:**

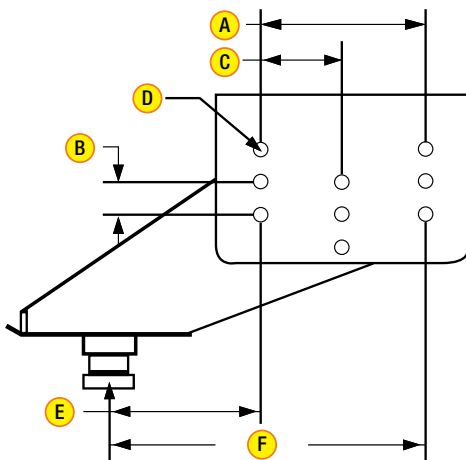
Measure length of box (front row of bolts to center of pin).

**Step 5:**

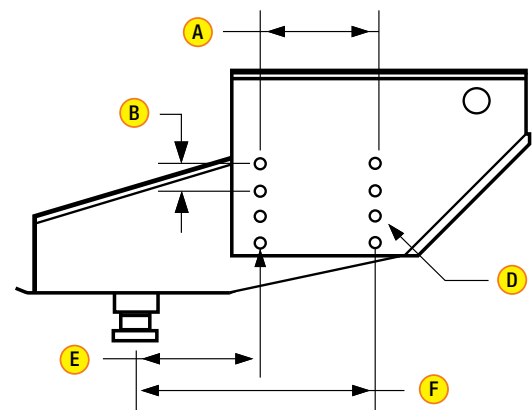
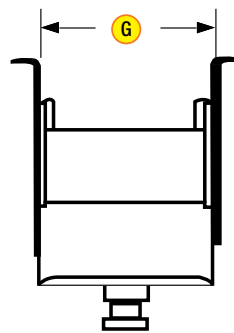
Measure bolt pattern (all three dimensions).

**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



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
- 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

# JACK-IT®

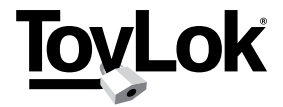


CARGO/SECURITY/STORAGE

part no.	description
429756	Jack-It Bike Rack

# 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

## Optional mounting kits for every application



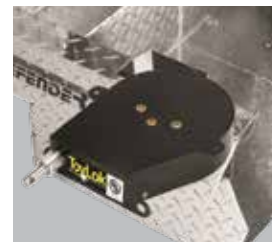
Trailer Frame



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



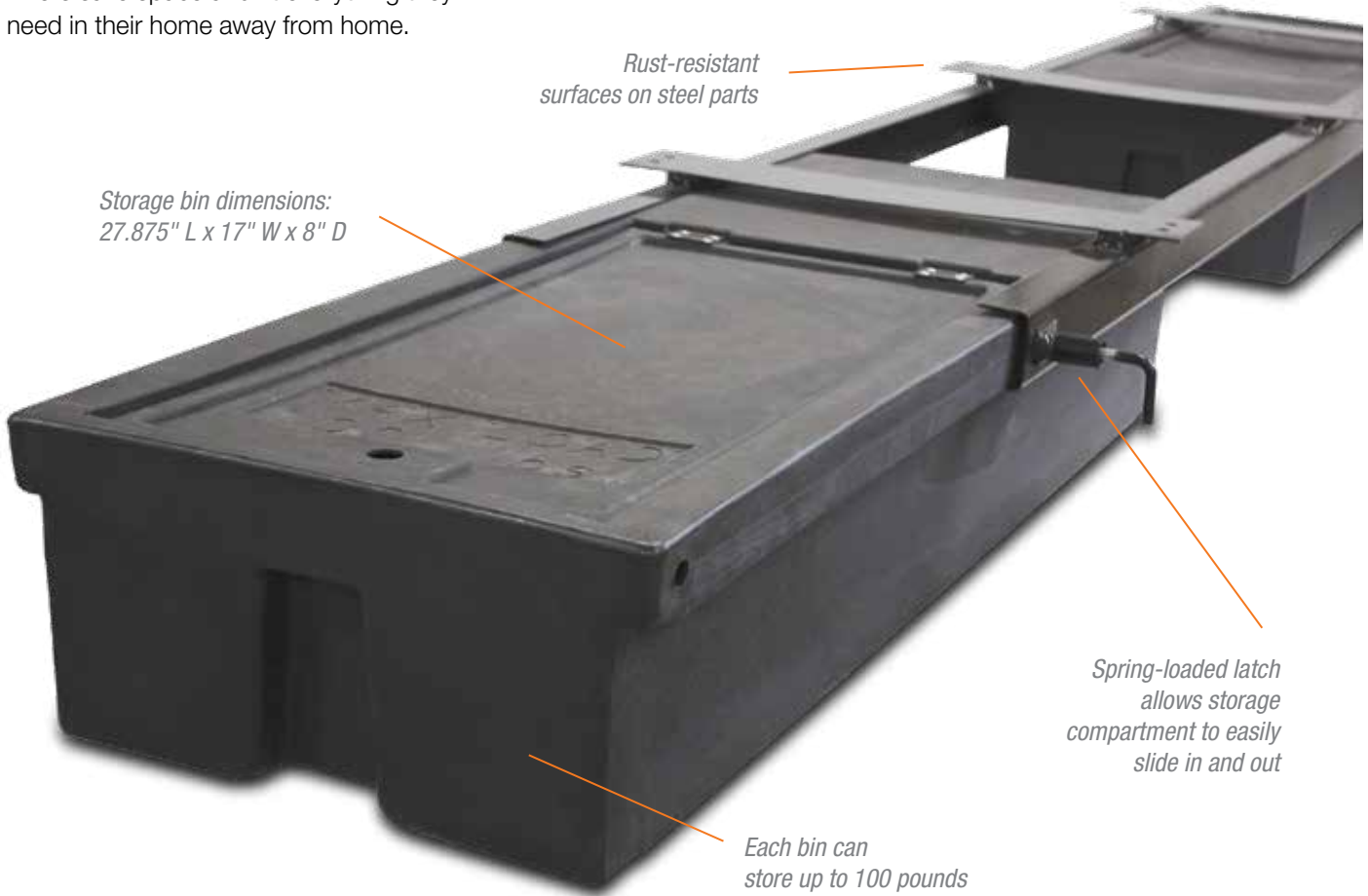
337117



337110

## UNDERCHASSIS STORAGE SYSTEM

Underchassis Storage Systems help RVers save space and fit everything they need in their home away from home.



CARGO/SECURITY/STORAGE



Optional spare tire winch option available (tire not included)



Includes two detachable molded storage boxes



159056 Winch Only

part no.	description	dimensions
236558	Underchassis Storage Container; Double; No Tire Carrier	99.5" L x 19.125" W x 10.1875" D
125460	Underchassis Storage Container; Double; With Spare Tire Carrier	99.5" L x 19.125" W x 8.28" D
175180	Underchassis Storage Container; Double; No Tire Carrier	96" L x 19.125" W x 8.28" D
159056	Spare Tire Winch (Only)	6.5" L x 2.5" W x 6" D

## 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™

**NEW  
PRODUCT**



### 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

Kwikkee 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 Kwikkee Cargo Trays to perfectly fit each customer's storage compartments using plywood. Once installed, cover with carpet, rubber matting or vinyl.

**Kwikkee**<sup>®</sup>  
PRODUCTS

by  Lippert Components<sup>®</sup>



## Heavy-Duty Slide



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

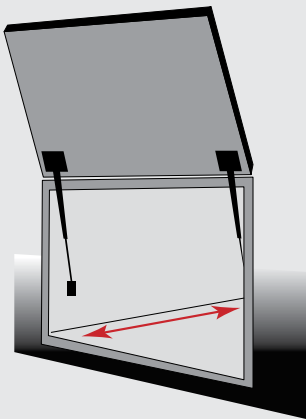
\*You determine width with plywood. Trim Kit optional.

### 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

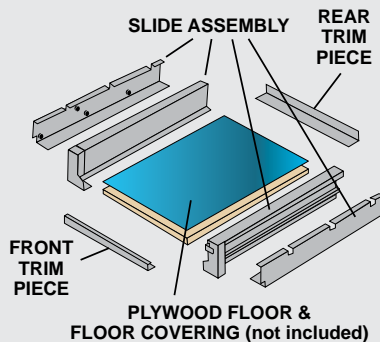
### How to Measure

1. To select slide size (length), measure depth of compartment.

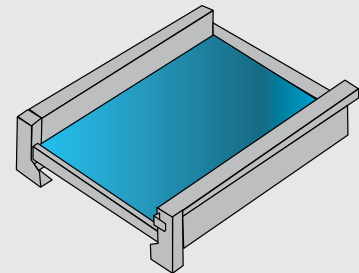


2. Determine desired width, allowing 4" for frame sides. Cut a section of 3/4" plywood (not supplied) and both trim pieces (if needed). Attach plywood to inner slide frame.

3. Square outer slide frame. Mark support holes, drill, and secure outer frame through the basement floor.



4. Cover plywood with carpet, rubber mat, or vinyl (not supplied).





## Super Slide I



Flooring not included;  
shown as installed



Shown as packaged

part no. w/o trim kits	part no. with trim kits included	description	capacity	latches
370770	370773 (37.75")	36" Super Slide I	1,000 lbs.	3-position
370763	370764 (37.75")	42" Super Slide I	1,000 lbs.	3-position
379973	370765 (48")	48" Super Slide I	1,000 lbs.	3-position
n/a	370769 (46")	54" Super Slide I	1,000 lbs.	3-position
379904*	379811* (46")	60" Super Slide I	1,000 lbs.	3-position
379507*	370774 (46")	70" Super Slide I	1,000 lbs.	3-position
379638	380272* (46")	90" Super Slide I	1,000 lbs.	2-way slide
3798534	370780 (46")	80" Super Slide I	1,000 lbs.	2-way slide

\*You determine width with plywood. Trim Kit optional for P/N w/o trim kits. For P/N with trim kit included, size of trim kit is specified in parenthesis.

### FEATURES

- 1,000-pound capacity cargo hauler with roller-bearing action
- Ships with U-Channel and L-Bracket for trim and stiffener
- If longer trim is needed, order from trim kit listing and cut to fit
- Fits almost any sub-floor compartment
- A spring-loaded latch locks the slide in three positions
- Color-matched trim pieces available for the deck
- Width is defined by the size of the compartment

### Trim Kits for Heavy-Duty & Super Slide I

part no.	description
380319	32" Trim Pieces
380318	48" U-Channel

## Super Slide II



Flooring not included; shown as installed



Shown as packaged

part no.	description	capacity	pulls
378806*	36" Super Slide II	800 lbs.	1-way slide
370782	42" Super Slide II	800 lbs.	1-way slide
370783	48" Super Slide II	800 lbs.	1-way slide
370785	54" Super Slide II	800 lbs.	1-way slide
370787	60" Super Slide II	800 lbs.	1-way slide
370761	80" Super Slide II	800 lbs.	2-way slide
370762	90" Super Slide II	800 lbs.	2-way slide

\*You determine width with plywood. Trim kit required.

### FEATURES

- Heavy-duty roller bearings
- 800-pound weight capacity
- One-direction slides lock in closed position
- Two-way slides lock in center
- Corrosion-resistant roller bearing action
- Compartment depths from 36" to 90"

### Trim Kits for Super Slide II

part no.	trim kit end piece width	compartment opening
370669	17"	21"
380150*	19"	23"
370672	21"	25"
370674	23"	27"
370676	24"	28"
370678	27"	31"
370680	30"	34"
370682	32"	36"
370684	33"	37"
370688	36"	40"
370690	37"	41"
370692	39"	43"
379805*	41"	45"
370753	42"	46"
370755	44"	48"
370757	48"	52"
370759	51"	55"



Shown as packaged

Trim kit is required for Super Slide II. Order trim kit to desired compartment width less 4" (see chart). Trim kit includes (2) end trim pieces, jig kit, and (3) mid-rails. You add the plywood and carpet.

## 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



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.*



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

Part no.	Description
366510	Battery Strap

## Freezer/Refrigerator Trays



- Opening in bottom accommodates drainage and circulation
- Smooth ball-bearing and roller-bearing movement
- Safety latch locks slide
- Tray comes assembled

part no.	outside dimensions			inside dimensions		weight capacity
379870	33-3/4"	28-1/16"	3-11/16"	31-1/2"	20-1/8"	200 lbs.
380021*	16-3/4"	28-1/16"	3-11/16"	14-1/2"	25-1/2"	200 lbs.
380009*	27-1/2"	18-1/16"	3-11/16"	25-1/4"	14-5/8"	200 lbs.

*\*Inside dimension for freezer/refrigerator size; outside dimension for compartment fit.*

# 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 more sturdy



**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.

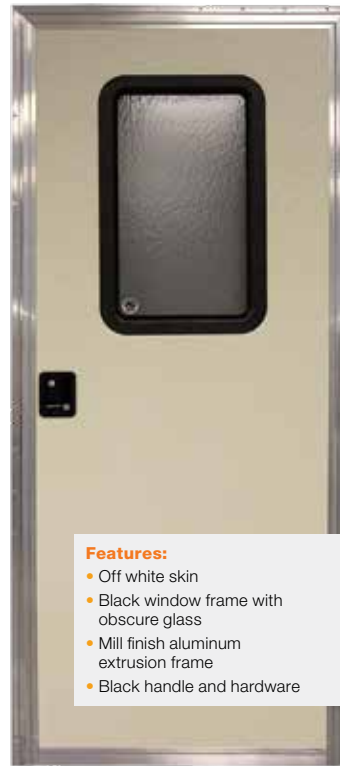
**STANDARD FEATURES**

- 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.

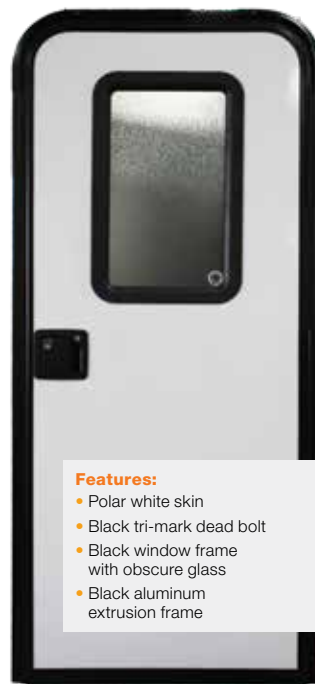


## MOTOR HOME\_ENTRY DOORS

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



DOORS

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







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

INTRODUCING  
**SOLERA UNIVERSAL**  
2018 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: Power 12V, Power 18V, 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 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: 12V POWER**



**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: AWNBRELLA**



**UNIVERSAL  
SOLERA: PATIO  
FABRICS**



**UNIVERSAL  
SOLERA: SLIDER  
FABRICS**



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 12V Power 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  
 \*\* Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse

Choose from these innovative Solera Awning models





SOLERA® AWNINGS



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



**SOLERA: 18V POWER**  
**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 expense 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 ARMS AVAILABLE

Our Universal options fit standard Solera®, Carefree™ and Dometic® 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

\*\*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



**UNIVERSAL**



**FIX IT**



**POWER UP**



**UPGRADE**



**GO LARGE**



**SOLERA: 12V POWER**  
**12V Push-Button Control**

Isn't it time you made the switch from a manual, spring-assisted awning to something easier? How many years have you daydreamed of a simplified camp setup? Stop wasting time and energy with manual awnings and POWER UP to a Solera 12V Power Awning. Featuring a premium, heavy-duty canopy and a one-handed adjustable pitch projection, the Solera 12V Power Awning allows for simple, effortless setup. With the push of a button, the awning's direct drive motor easily extends or retracts your awning's canopy. Simple, stress-free and with manual override functionality, the 12V Push-Button Control Awning takes the hassle out of camp setup and all but eliminates campsite setup frustrations.



## FEATURES

- Push-of-a-button, automatic operation from inside or outside of your RV
- Auto rain dump feature activates when rain water pools in the canopy, automatically lifting the awning arms to release the pooled water
- 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
- Exclusive, quick and simple independent pitch adjustment for relief from the sun at any point in the day
- With a range of unique awning styles, sizes and options including awning lights, speakers and multiple fabric and hardware color options, Solera Power can offer you so much more than shade and shelter
- **NEW!** Universal Solera Power Hardware option allows for an easy UPGRADE on Dometic®\*\* (A&E) and Carefree™\*\*\* manual or power awnings



**EASY  
ACCESS  
MANUAL  
OVERRIDE**



## 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 ARMS AVAILABLE

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



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

**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."

\*Manual override not available on 2017 Forest River Cherokee

\*\*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



**FIX IT**



**POWER UP**



**UPGRADE**



**GO LARGE**



### **SOLERA: 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



#### RV Doctor's Tip:

"Every year, I walk the National RV Show in Louisville, and the RV's 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**



**SOLERA: DESTINATION**  
**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 Awnbrella 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 Awnbrella tensioning arms allow you to rest easy. Wind and rain are no longer a big deal. The Awnbrella 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."



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



-  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 to 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 ARMS AVAILABLE

Our Universal options fit standard Solera®, Carefree™ and Dometic® 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 to 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  
\*\*Universal Hardware fits the following Carefree™ 8' extension awnings models: Spirit, Fiesta, Simplicity Traveler and Eclipse



SOLERA® AWNINGS



UNIVERSAL



FIX IT



UPGRADE



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

Classic design, classic operation. The 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 ARMS AVAILABLE

Our Universal options fit standard Solera®, Carefree™ and Dometic® patio awning roller bars making Solera the Universal 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. One potential issue here is that 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!"

\* 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®\_UNIVERSAL SLIDER FABRICS



## SOLERA: UNIVERSAL SLIDER FABRICS

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)
- **5-year warranty** on Solera Universal Slider fabric

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

5-year warranty

Available in Black and White

		Carefree™**	Dometic®*
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	✓	✗ 10 oz only	✗ 10 oz only
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	✓	✗	✗
5-year warranty	✓ 5-year	✗ 1-year	✗ 1-year
Available in Black and White	✓	✓	✓

\*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.



**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.

SOLERA® AWNINGS

**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 light up your patio

		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 1:00 EST, out same day)			
Free standard UPS shipping in the continental United States			

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



UNIVERSAL



FIX IT



UPGRADE

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



**All vinyl**

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



**Vinyl Canopy with Solera Shield**

- Painted Solera Shield is available in black, white, and two custom colors

*NOTE: Solera Shield not available on XL Awning*



**Woven Acrylic Canopy with Solera Shield**

- Woven fabric is breathable, so the area under the canopy may stay cooler than vinyl canopies
- Five color choices
- Mildew-resistant fabric
- Comes complete with Solera Shield

*NOTE: Solera Shield not available on XL Awning*

**SOLERA: UNIVERSAL ALL VINYL OPTIONS:**



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

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

**SOLERA: SHIELD**

The built-in Solera Shield is available on replacement slider and patio awning fabrics. It provides elegant and practical protection for your Solera vinyl or acrylic awning canopy. As the awning retracts, the aluminum Solera Shield automatically rolls up around the fabric to protect it against the elements during travel. Be sure to order your Solera Shield to match your hardware.

NOTE: Solera Shield not available on XL



**SOLERA: UNIVERSAL VINYL WITH SOLERA SHIELD OPTIONS:**



**Special Order Canopy Option:**  
- Vinyl Fabric with Solera Shield  
(Allow for standard lead time)

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

**SOLERA: UNIVERSAL ACRYLIC FABRIC WITH SOLERA SHIELD:**



**Special Order Canopy Option:**  
- Woven acrylic fabric with Solera Shield  
(Allow for standard lead time)

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

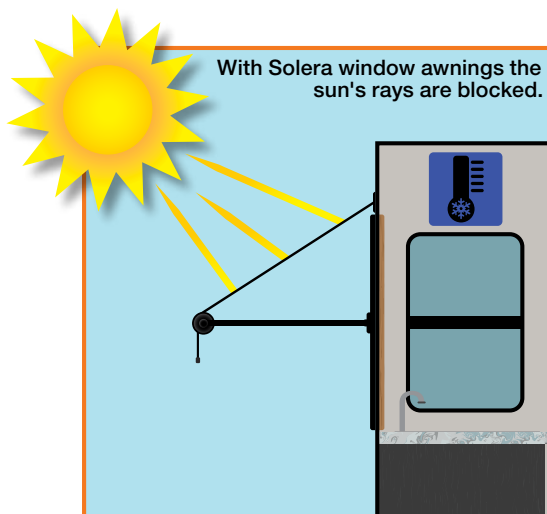
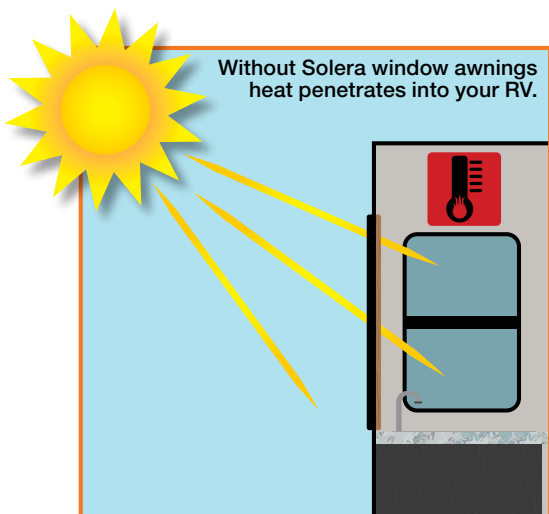
SOLERA® AWNINGS



**SOLERA: WINDOW AWNINGS**

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: SLIDERS**

Give your slide-outs extra protection from debris and water infiltration with Solera Sliders. 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 vinyl & acrylic fabric colors
- Available with the Solera Shield

		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			
<b>NEW!</b> Available (8) custom colors for the hardware to custom match your investment			



UNIVERSAL



UPGRADE



Great DIY for customers

Simple camp setup

① Position ② Slide ③ Tighten

Enjoy your Awnbrella!

### 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  2 (total 2 arms)
between 14' - 18'	1  3 (total 3 arms)
between 18' - 22'	2  2 (total 4 arms)
between 22' - 27'	1  2 + 1  3 (total 5 arms)

FREE DISPLAY WITH STOCKING ORDER







 **UPGRADE**

**SOLERA: FABRIC LIGHT KIT**

Destination Awning models and patio replacement fabrics feature a **NEW** 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.



 **UPGRADE**

**SOLERA: SHIELD**

The built-in Solera Shield is available on replacement slider and patio awning fabrics. It provides elegant and practical protection for your Solera vinyl or acrylic awning canopy. As the awning retracts, the aluminum Solera Shield automatically rolls up around the fabric to protect it against the elements during travel. Be sure to order your Solera Shield to match your hardware.

*NOTE: Solera Shield not available on Solera XL awnings*



 **UNIVERSAL**  **UPGRADE**

**SOLERA: 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.



 **UPGRADE**

**SOLERA: 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.



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.

 **UNIVERSAL**  **UPGRADE**



**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®, Carefree™™ and Dometic® 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®, Carefree™™ and Dometic® awnings
- Measure center of arm to center of arm to determine room size needed



**UNIVERSAL SHADES AND ROOMS**

Our Universal shades and rooms fit the following:

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

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

SOLERA® AWNINGS



UNIVERSAL



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

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

**SOLERA: UNIVERSAL ARMS**

**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: 12V POWER**    

arm type	arm size	universal white hardware	universal black hardware
Short Arm, Two-Position Pitch	60-1/2"	434722	434721
Tall Arm, Infinite Pitch	69"	434724	434723

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

**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

## HOW TO ORDER

### SOLERA: UNIVERSAL 18V POWER, 12V POWER 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: 12V POWER



arm type	arm size	universal white hardware	universal black hardware
Short Arm, Two-Position Pitch	60-1/2"	434722	434721
Tall Arm, Infinite Pitch	69"	434724	434723

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, 12V Power 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

## 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

## HOW TO ORDER

### 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	standard head/ satin hardware	standard head/ cream hardware
XL Arm, Flat Adjustable Pitch	78"	V000444119	V000451506	V000451509	V000451510

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



## 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

## HOW TO ORDER

### 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
Standard (Under 33")	V000334754	V000334750	V000334753	V000389164

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

**XL Window Awning Hardware**

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

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

## HOW TO ORDER

### SOLERA: SLIDE-OUT TOPPERS

1. Measure outside flange to outside flange of the slide-out you want to cover with the Solera Slide-Out Topper.
2. Use the Slide-Out 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 Sliders

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

**Solera Universal Slide-Out Topper Cut to Fit Replacement Fabric**



description	part no.
Fabric Assembly - Slide Topper - 50 ft Black 57" x 12.5" x 13.25"	432253
Fabric Assembly - Slide Topper - 50 ft White 57" x 12.5" x 13.25"	432252

**Solera Awmbrella**



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

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)

**Solera Fabric Light Kit**



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

NOTE: Includes switch and plate

**Awning Cradle Support**



part no.	description
289373	White Support
289374	Black Support

**Universal Awning Ground Support**



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



**Slider Cradle Support**



part no.	description
362947	White Support
328613	Black Support

## HOW TO ORDER

### 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: 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.	size	part no.
10'	362225	16'	362231
11'	362226	17'	362232
12'	362227	18'	362233
13'	362228	19'	362234
14'	362229	20'	362235
15'	362230	21'	362236



**Solera Screen Room** 

size	part no.	size	part no.
10'	362213	16'	362219
11'	362214	17'	362220
12'	362215	18'	362221
13'	362216	19'	362222
14'	362217	20'	362223
15'	362218	21'	362224

## HOW TO ORDER

### 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

### SELECT FROM THESE PATIO AWNING REPLACEMENT CHOICES:



#### All vinyl

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



#### Vinyl Canopy with Solera Shield

- Painted Solera Shield is available in black or white

*NOTE: Solera Shield not available on XL Awning*



#### Woven Acrylic Canopy with Solera Shield

- Woven fabric is breathable, so the area under the canopy may stay cooler than vinyl canopies
- Six color choices
- Mildew-resistant fabric
- Comes complete with Solera Shield

*NOTE: Solera Shield not available on XL Awning*

### ALL VINYL OPTIONS:



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

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



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

Universal Vinyl with Shield Options:



Universal Acrylic with Shield Options:



**Special Order Canopy Option:**  
 - Vinyl or Acrylic fabric with Solera Shield  
 (Allow for standard lead time)

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

Solera Fabric Light Kit (includes switch and plate)



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



## HOW TO ORDER

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



60-1/2" Arm  
433389 – White

66-1/8" Arm  
260294 – White

69" Arm  
281152 – White



60-1/2" Arm  
433390 – Black

66-1/8" Arm  
266169 – Black

69" Arm  
281154 – Black



289557



289560



289563



289566



289558



289561



289564



289567



275071

289373

289374

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

part no.	description
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
280343	Gas Strut 26", 124 lb For Short And Flat Arms
260282	Gas Strut, 124-144 lb For Pitched Arms
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
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
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

### Power Awning Parts (Non-Universal)

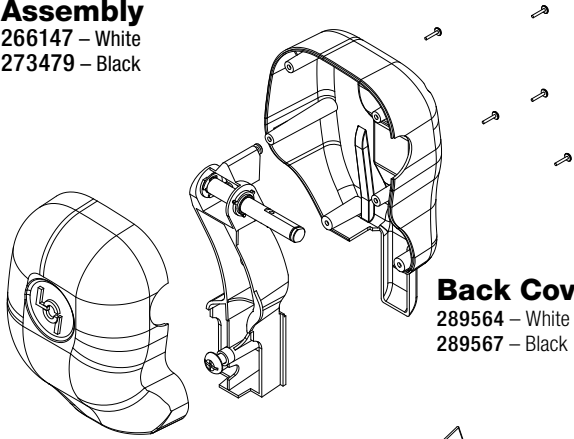


### Power Awning Parts (Non-Universal)

part no.	description
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

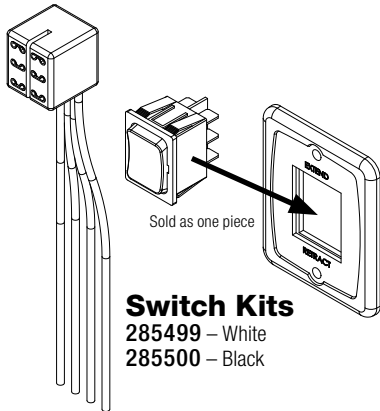
part no.	description
354189	Power Awning Speaker Idler Head Front Cover, Black
300007	Power Awning Speaker Idler Head Back Cover, White
300011	Power Awning Speaker Idler Head Back Cover, Black
285499	Power Awning Switch Kit, White
285500	Power Awning Switch Kit, Black
285079	Power Awning Bezel Spacer, 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
351863	Plain Power Awning To Speaker Head Conversion Kit, White
351864	Plain Power Awning To Speaker Head Conversion Kit, Black

**Assembly**  
266147 – White  
273479 – Black



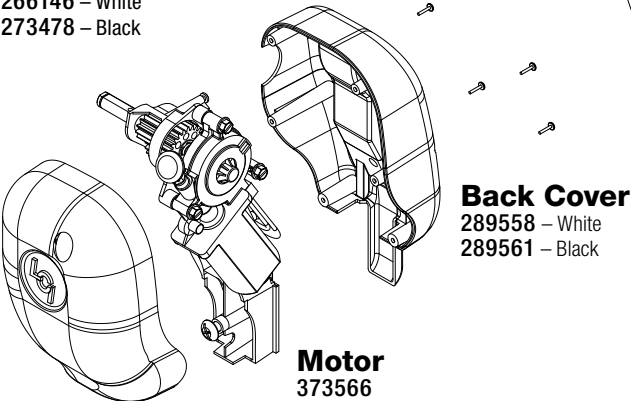
**Back Cover**  
289564 – White  
289567 – Black

**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

**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

# 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.

**NEW  
PRODUCT**

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

**Solid Step**  
LIFT ASSIST



SolidStep conveniently folds up into the RV doorway when not in use.

Extendable legs and feet contact the ground for maximum stability

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

**Solid Step**™

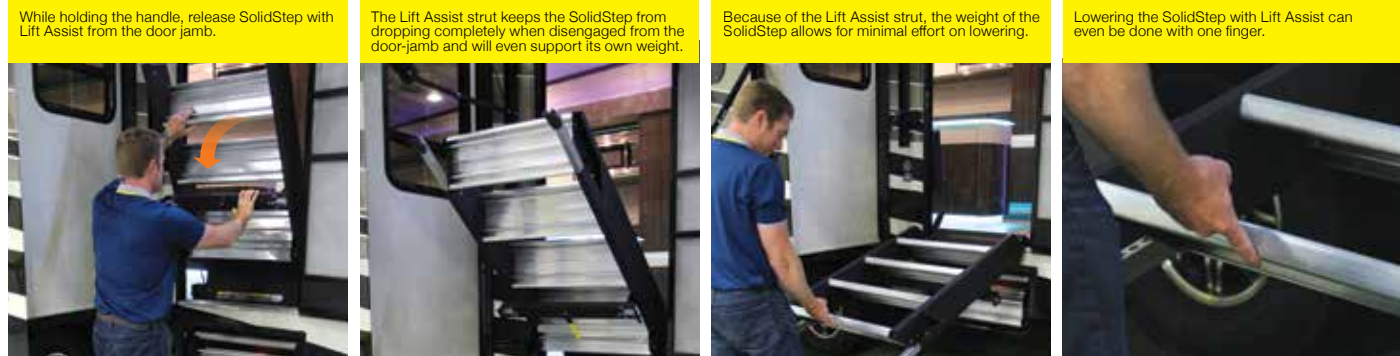
STEPS

# SolidStep™



part no.	description	part no.	description
678040	Triple Solid Step for 26" Doors	678024	Quad Solid Step for 26" Doors
678041	Triple Solid Step for 28" Doors	678025	Quad Solid Step for 28" Doors
678044	Triple Solid Step for 30" Doors	678027	Quad Solid Step for 30" Doors
678047	Triple Solid Step for 32" Doors	678028	Quad Solid Step for 32" Doors

# SolidStep™ LIFT ASSIST



- 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
- SolidStep conveniently folds up into the RV doorway when not in use
- Extra-wide top step for easy entry and exit
- 400-pound capacity
- Includes floor backing plate

\*See your dealer or contact LCI for Solid Step Lift Assist Part #s



# 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

STEPS

# 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



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



STEPS



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



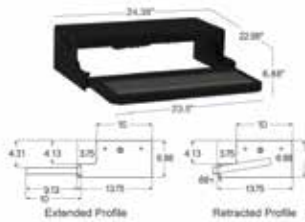
380073

**Original  
KwikEE Step -  
Single Tread**



**Series 26**

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



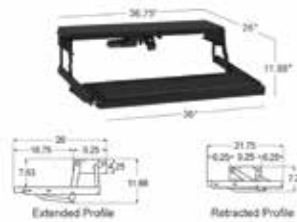
**Series 28**

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



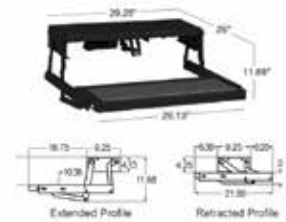
**Series 30**

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



**Series 33**

Rise: 8" Run: 16.75"  
Bolt pattern: 6" x 31"

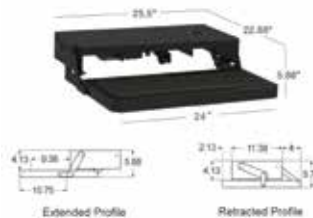


\*Available with brackets for van applications

\*Available with brackets for van applications

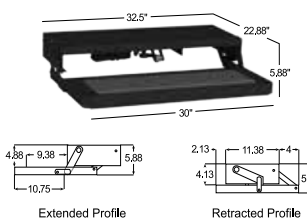
**Series 35**

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



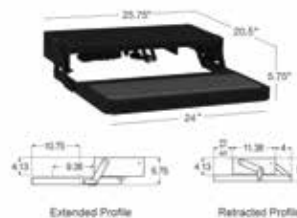
**Series 36**

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	3724741	Yes	23.75"	371010	7"	10"
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

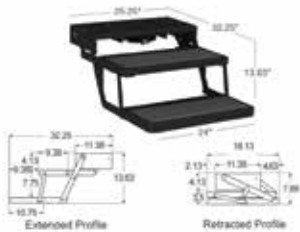
*\*\*All Steps listed come with appropriate motor. \*\*Rise/Run is estimated. See diagrams for exact dimensions. \*36 Series Step dimensions have changed. Verify sizing by specific part number.*

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"



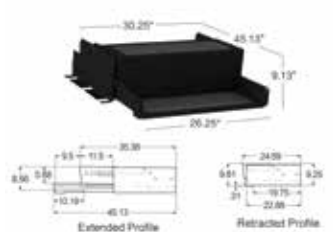
**Series 40**

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"



STEPS

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.

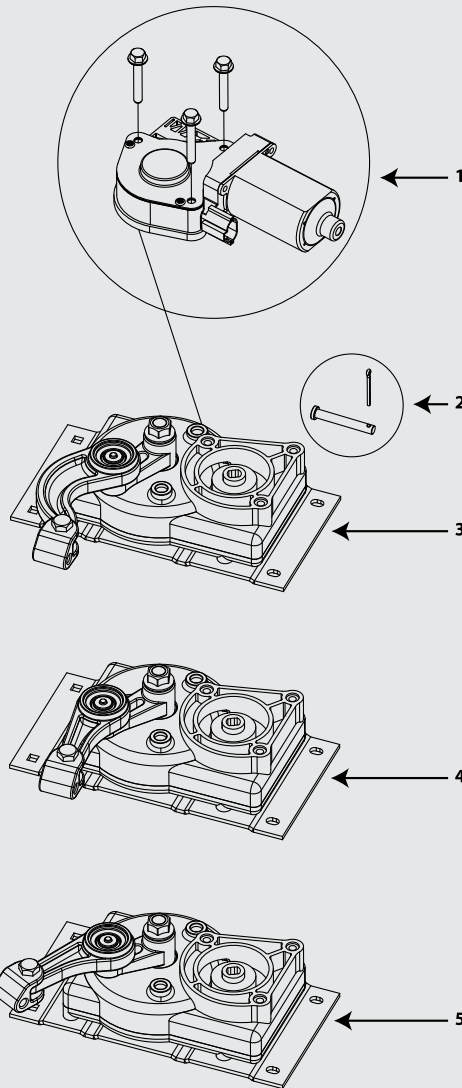
### Improved Linkage

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



Also available in the original reflective and commercial yellow applications.

### 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 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 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**

### 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



\*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



### 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**



\*Works with Kwikee and Coach steps

### Kwik Lube Spray Lubricant

Regular use prevents step problems caused by other lubricants, reduces wear, and prevents rust. The cured Kwik Lube grease creates a film that is impervious to moisture and temperatures above 400° F.

**379176:** Single Can

**379177:** Kwik Lube (Case of 12 cans)



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

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

**379416**



301702



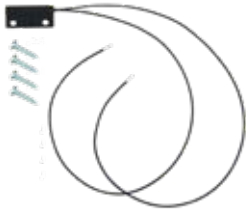
301703



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"

## HYDRAULIC CYLINDERS & TRUNNIONS



125653



123603

### Hydraulic Slides

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 Cylinders

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

## MISC. 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



324869



123356



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



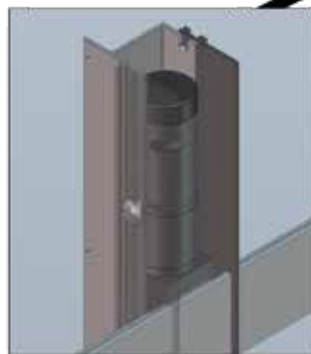
247768



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

# HAPPIJAC TRUCK CAMPER ACCESSORIES





part no.

## 4800 Jack

The innovative, heavy-duty 4800 Jack by HappiJac combines customer feedback, research and rigorous testing to provide a stronger, safer jack with an impressive 2,800-pound load rating. Ideal for multi-slide truck campers, the 4800 Jack boasts robust strength, stability and efficiency with a self-lubricating bronze nut, a polished screw and a large Torrington thrust bearing. Three extra inches of length yield maximum clearance and significantly improves lateral and structural support. Each HappiJac Camper Jack features attractive 2-inch square tubing that provides significantly more strength than round tubing.

*\*HappiJac jacks can easily be upgraded from manual, hand-crank jacks into a remote-controlled electric jack system with the purchase and simple installation of the wireless HappiJac motor drive assembly kit (600700) and wiring kit (600730).*

### Electric Options

part no.	description	includes
182522	600700; Motor Drive Assembly w/ Wireless Remote	<ul style="list-style-type: none"> <li>• 1 ea. wireless main logic board</li> <li>• 1 ea. remote coiled cable</li> <li>• 1 ea. wireless remote controller</li> <li>• 4 ea. motor drive heads</li> </ul>
182524	600730; Wiring Kit for Electric Option	<ul style="list-style-type: none"> <li>• 2 ea. 9' 12 AWG w/connector</li> <li>• 4 ea. junction boxes</li> <li>• 2 ea. 20' 12 AWG w/connector</li> </ul>
183070	Wireless Remote Controller	
183069	Wireless Main Logic Board	
182515	Single Electric Motor Drive Head	
139315	Wireless Upgrade Kit (Remote Controller and Wireless Logic Board)	

### FEATURES

- 36.5" lift combined with 51" outer tube offers maximum clearance
- Easy-to-access manual override with full 360-degree cranking
- 2,800-pound load rating ideal for multi-slide truck campers
- Efficient, precision CAD design sustains quiet operation
- Plated and powder-coated outer tube resists corrosion
- Field serviceable with easy access to all components
- Wireless control kit available
- Low amp draw
- Each HappiJac Camper Jack has a high quality zinc and powder-coat finish



### Jacks

part no.	description
308169	Single 4160 Acme Screw Jack (1,500 lbs.)
308170	Single 4560 Ball-Screw Jack (1,900 lbs.)
313774	Single 4800 Heavy-Duty Acme Jack (2,800 lbs.)

### 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
1824362	Long (8") Crank Handle
182496	Swing-Out Extension Brackets
182495	6" Lift Extenders (4 ea.)
182912	Hex Drive Adapter

## 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.



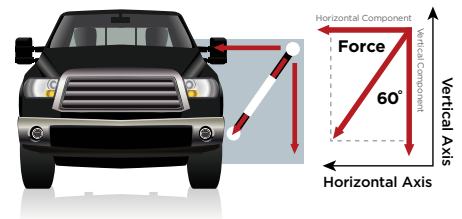
### Qwik-load Upgrade

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)

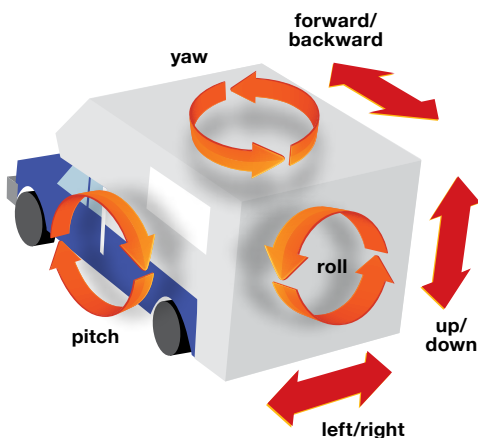


HappiJac's innovative Frame-Mount Tie-Down System puts leverage to work for you. Its design combines frame strength and sound engineering principles to create an I-beam truss structure that makes your camper an integral part of the truck, providing unsurpassed strength and security. Its frame mount is 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**

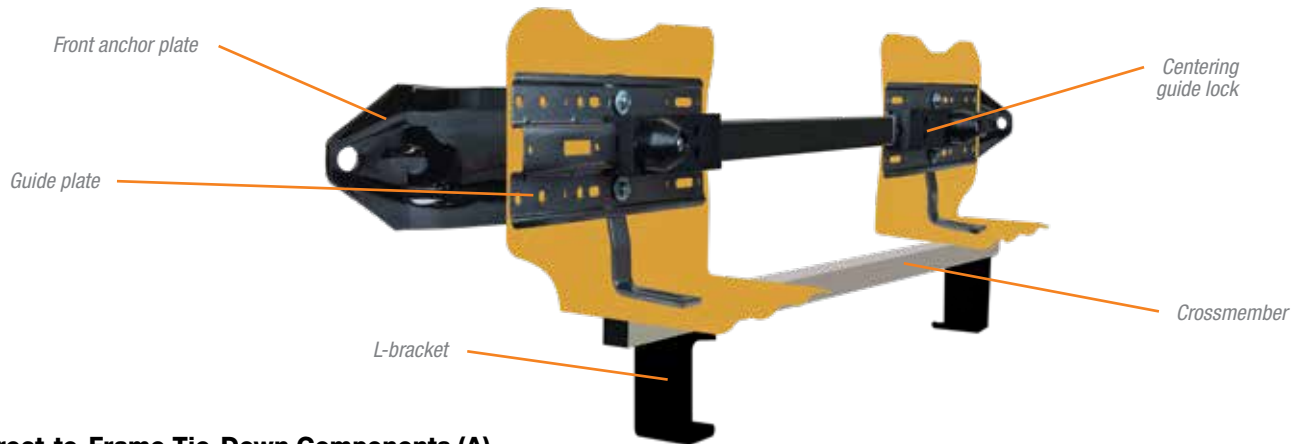
- Price is significantly less than other heavy-duty tie-down systems
- I-Beam truss creates a superior system by utilizing the truck frame, bed and tie-down components to form an I-beam truss structure
- Adds only 27 lbs. to the truck and eliminates ugly protrusions



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

HAPPIJAC

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



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

make	part no.
<b>CHEVY / GMC</b>	
2015 - 2018 Chev/GMC Silverado/Sierra (all)	FT-CG14 1 (350763)
2014 Chev/GMC Silverado/Sierra 1500 (with step bumper)	FT-CG14 1 (350763)
2007 - 2014 Chev/GMC Silverado/Sierra (except extended cab & 2014 1500 Series)	FT-CG07S 1,3 (182905)
2007 - 2013 Chev/GMC Silverado/Sierra (extended cab ONLY)	FT-CG07 1,3 (182904)
1999 - 2007 Chevrolet Silverado Classic	FT-CG9 1 (182906)
1999 - 2007 GMC Sierra Classic	FT-CG9 1 (182906)
1988 - 2000 C/K Series (old body style)	FT-UT9 1 (182910)
<b>DODGE</b>	
2010 - 2018 Ram 2500,3500 (except "Ram Box" or short bed dually)	FT-DR10 5 (236326)
2009 - 2018 Ram 1500 (except "Ram Box" or short bed dually)	FT-DR10 5 (236326)
2008 - 2009 Ram (w/bed front panel waffle iron pattern)	FT-DR8 5 (205220)
2003 - 2008 Ram (w/bed front panel vertical ribs only)(Including 2002 Ram 1500)	FT-DR2 2 (182908)
1994 - 2002 Ram (except 2002 Ram 1500)	FT-UT9 1 (182910)
2002 Ram 1500	FT-DR2 2 (182908)
<b>FORD</b>	
2008 - 2016 F450 SuperDuty	FT-UT9 1,6 (182910)
1997 - 2016 F250 SuperDuty & F350	FT-UT9 1,6 (182910)
1980 - 1996 F Series (all)	FT-UT9 1 (182910)
2017-2018 F Series	Coming Soon
<b>TOYOTA</b>	
2007 - 2018 Tundra (6½' bed only)	DF-TT07 4 (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 7 (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 7 (182866)
<b>TOYOTA</b>	
1989 - 2018 Toyota (only with campers under 1500 lbs.) (except Tundra)	CA-UR 7 (182866)
1988 and earlier Toyota	CA-MT (182864)
<b>ISUZU</b>	
1989 - 2008 Isuzu	CA-UR 7 (182866)
1988 and earlier Isuzu	CA-MT (182864)
<b>MAZDA</b>	
1994 - 2008 Mazda	CA-UR 7 (182866)
1993 - and earlier Mazda	CA-MT (182864)
<b>NISSAN</b>	
1998-2018 Nissan (only with campers under 1500 lbs.)	CA-UR 7 (182866)
1997 - and earlier Nissan	CA-MT (182864)

7 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

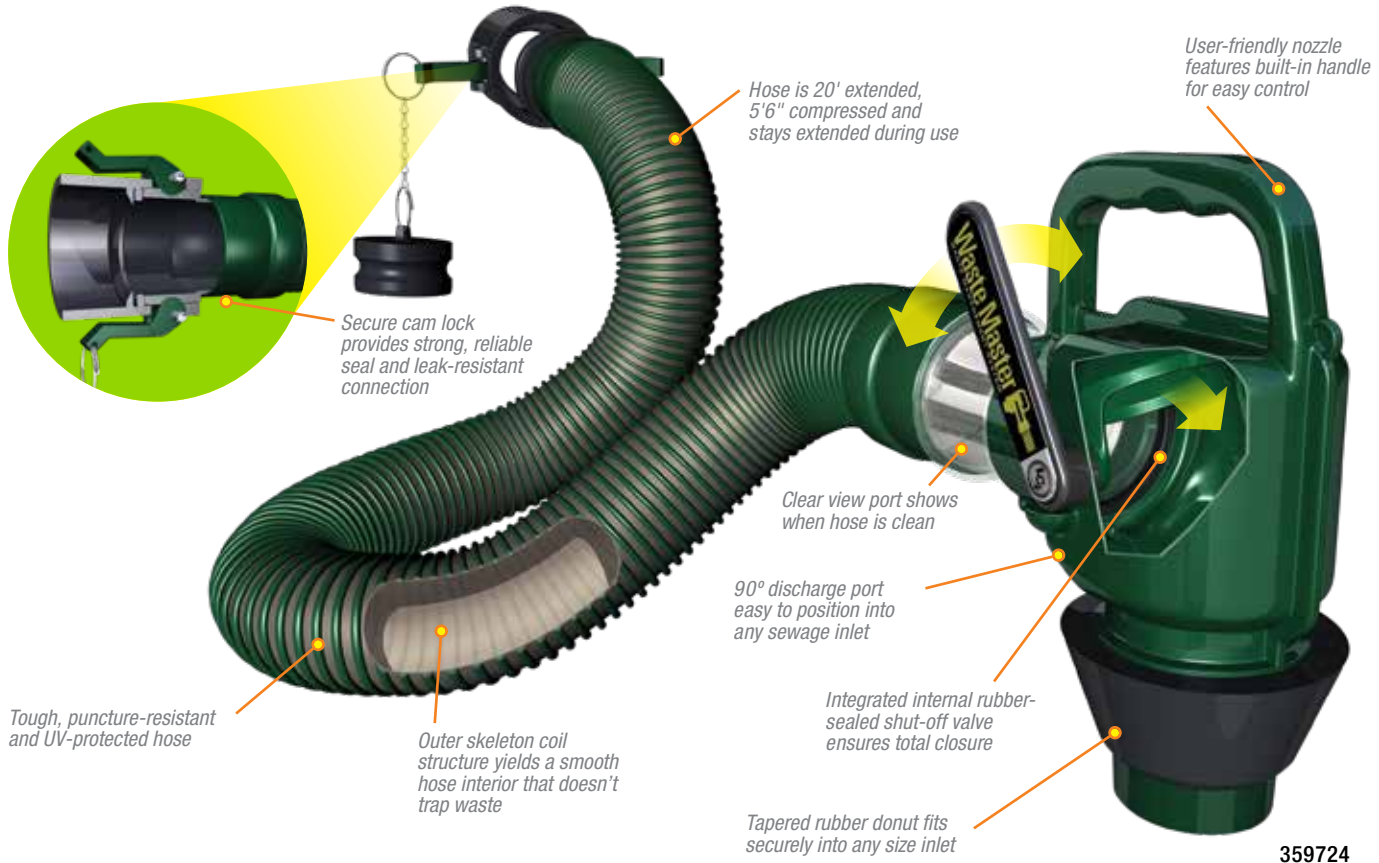
HAPPIJAC

# WASTE MANAGEMENT/ FRESH WATER





# LEAVE THE DIRTY WORK TO US



359724



## 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
365051	Single Ended Half Pipe Connector, Flow Down
365052	Double Ended Half Pipe Connector, Flow Down
365046	30" Section Half Pipe, Flow Down
365045	10" SQ Shaft Legs, Flow Down (Sold Each)
365044	Flow Down Embroidered Carry Bag



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



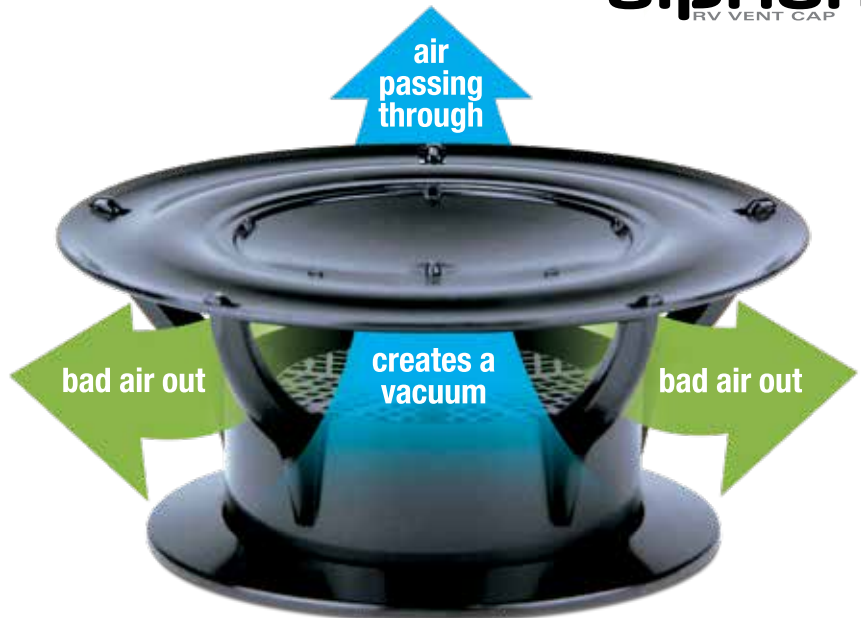
**Smooth, 30" half pipe support sections prevent waste buildup and protect the hose**

WASTE MANAGEMENT/FRESH WATER

# ELIMINATE TANK ODORS FROM THE SOURCE FROM THE SOURCE

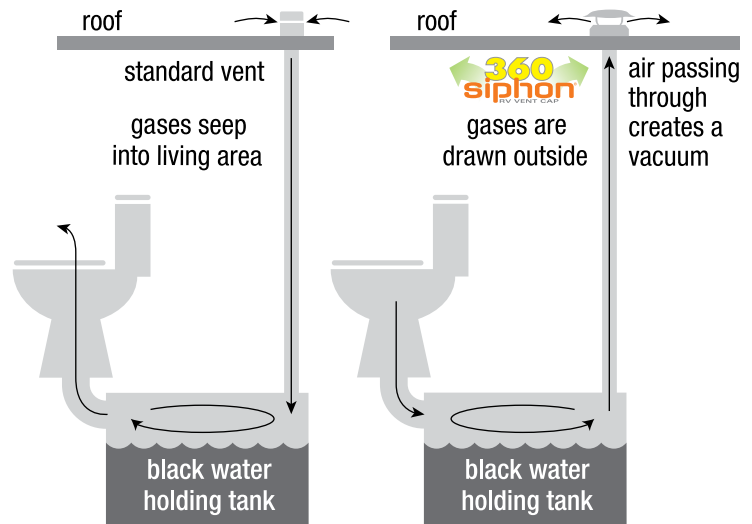


The 360 Siphon® RV holding tank vent cap eliminates odors from the source — the holding tanks — and exhausts them out through the roof vent before they have a chance to invade the RV living space. By design, the patented 360 Siphon can only create an updraft, expelling odors and fostering an oxygen-rich 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



**209443**  
Replacement Rivets (ea) - Parchment

**210278**  
Replacement Rivets (ea) - White



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

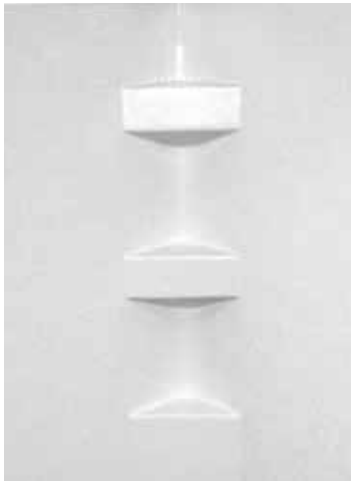


209797

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, LHC	Parchment
210375	24" x 36" Shower Pan, RHC	White
209496	24" x 36" Shower Pan, RHC	Parchment
210373	24" x 36" Shower Pan, LHC	White
342922	24" x 36" Shower Pan, LHC	Parchment
209500	24" x 40" Shower Pan, RHC	Parchment
210379	24" x 40" Shower Pan, RHC	White
209498	24" x 40" Shower Pan, LHC	Parchment
210377	24" x 40" Shower Pan, LHC	White

part no.	description	color
210377	24" x 40" Shower Pan, LHC	White
210383	24" x 46" Shower Pan, RHC	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



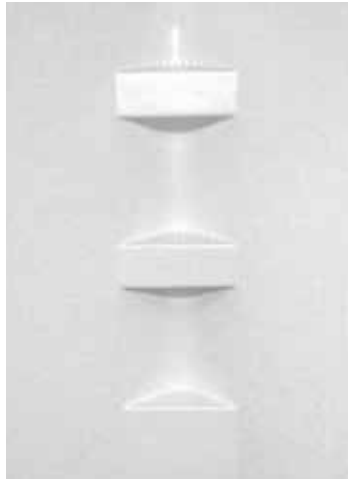
306202



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



385313



385314

part no.	description	color	mount
385313	27" x 16" x 7" Single Bowl	Stainless Steel	Under
385314	27" x 16" x 7" Double Bowl	Stainless Steel	Under
389910	27" x 16" x 7" Single Bowl, Farmers	Stainless Steel	Under
389911	27" x 16" x 7" Double Bowl, Farmers	Stainless Steel	Under
388412	7" x 16" x 7" Double Bowl	Stainless Steel	Under
388414	25" x 15" x 7" Double Bowl	Stainless Steel	Under
421572	25" x 15" x 7" Single Bowl	Stainless Steel	Under
388415	32" x 17" x 7" Offset Double Bowl	Stainless Steel	Under
426017	14" x 10" x 6" Troff Sink	Stainless Steel	Under



## 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	
Kitchen/ Galley Sinks	209401	25" x 17" Double Sink; 3 Holes	Parchment	
	209404	25" x 19" Double Sink; 3 Holes	Parchment	306193 (25" x 19" Two-Piece; Large) 306194 (25" x 19" Two-Piece; Small)
	209586	25" x 19" Double Sink; 3 Holes	Stainless Steel Color	307014 (25" x 19" Two-Piece; Large) 306197 (25" x 19" Two-Piece; Small)
	209694	25" x 19" Double Sink; 3 Holes	White	306198 (25" x 19" Two-Piece; Large) 306199 (25" x 19" Two-Piece; Small)
	209407	25" x 19" Single Sink; 3 Holes	Parchment	306192 (25" x 19" One-Piece)
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
719323	Spring Faucet; Single Hole Faucet
719324	Curved Gooseneck Faucet; Single Hole Faucet
719325	Square Gooseneck Faucet; Single Hole Faucet
719326	Pull Down Sprayer Faucet; Single Hole Faucet
719333	Bullet Pull Down Faucet; Single Hole Faucet
719335	Alphorn Pull Down Faucet; Single Hole Faucet



719326



719335



719333



719325



719324

# DEPENDABLE OPERATION

Fresh water when you want it and when you need it. Lippert Components' 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 45 PSI with an average 3.20 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 offers superior performance all at a price below similar products on the market today.



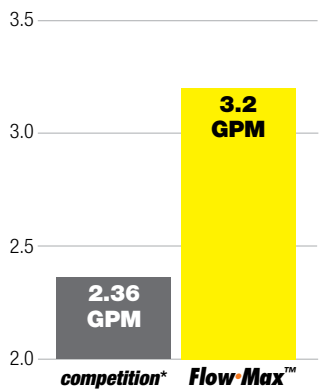
**NEW PRODUCT**



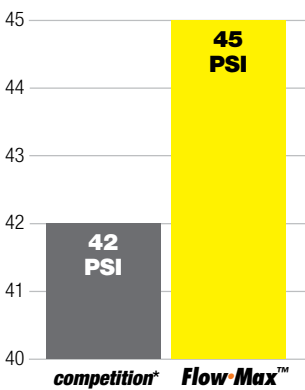
## SPECIFICATIONS

- Average 3.20 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*

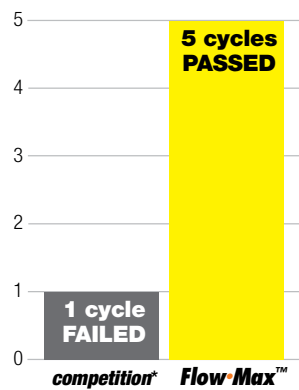
### Average Gallons Per Minute



### Average Leading Pressure



### Freeze/Thaw 2-Hour Cycle



## FEATURES

- Self-priming
- NSF & CSA Certified
- 2-year limited warranty
- 12 VDC, 6.0 max amps
- Heavy-duty, corrosion resistant motor
- Pump can run dry without incurring damage
- Fits any OEM pump
- Connectors come standard in the box

\*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

WASTE MANAGEMENT/FRESH WATER

# FURNITURE/ MATTRESS



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



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.



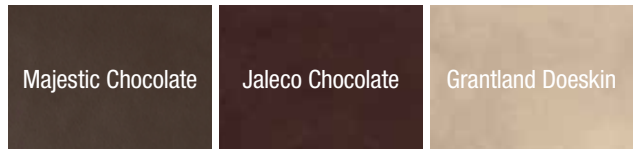
## THEATER SEATING

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.

### HERITAGE SERIES



LEFT ARM RECLINER  
SHOWN IN JALECO CHOCOLATE



Majestic Chocolate

Jaleco Chocolate

Grantland Doeskin

RIGHT ARM RECLINER

CENTER CONSOLE



NEW  
PRODUCT

ARMLESS RECLINER

part no.	description
386637	Left Arm, Majestic Chocolate
386638	Right Arm, Majestic Chocolate
386639	Center Console, Majestic Chocolate
700329	Armless Recliner, Majestic Chocolate
386640	Left Arm, Jaleco Chocolate
386642	Right Arm, Jaleco Chocolate
386643	Center Console, Jaleco Chocolate
700345	Armless Recliner, Jaleco Chocolate
386644	Left Arm, Grantland Doeskin
386645	Right Arm, Grantland Doeskin
386647	Center Console, Grantland Doeskin
700347	Armless Recliner, Grantland Doeskin



NEW  
PRODUCT

RIGHT ARM RECLINER

CENTER CONSOLE

LEFT ARM RECLINER

SHOWN IN JALECO CHOCOLATE

### MOMENTUM SERIES

- Heat, massage and light on right and left

part no.	description
353992	Right Arm, Jaleco Chocolate
353993	Left Arm, Jaleco Chocolate
353994	Armless, Jaleco Chocolate
358482	Center Console, Jaleco Chocolate

## TRI-FOLD SOFA

Known for its versatile functionality and comfortable sleep surface, the Thomas Payne Collection Tri-Fold Sofa converts to a very supportive, high-density foam bed in four simple steps. Its sleek design maximizes space because it takes up about one foot less when extended than a traditional hide-a-bed. Durable PolyHyde™ upholstery resists stains better than leather or fabric.



SHOWN IN GRANTLAND DOESKIN

Majestic Chocolate

Jaleco Chocolate

Grantland Doeskin



part no.	description
377706	60" Tri-Fold Sofa, Majestic Chocolate
380399	60" Tri-Fold Sofa, Jaleco Chocolate
379929	60" Tri-Fold Sofa, Grantland Doeskin
377708	68" Tri-Fold Sofa, Majestic Chocolate
380400	68" Tri-Fold Sofa, Jaleco Chocolate
379930	68" Tri-Fold Sofa, Grantland Doeskin

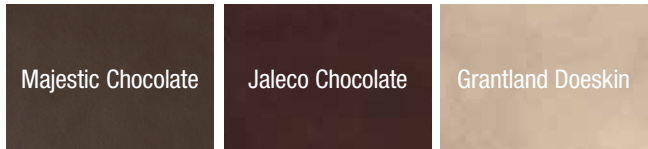


## SWIVEL GLIDE RECLINER

Each attractive and supportive Swivel Glide Recliner is upholstered with luxurious easy-to-clean PolyHyde™ upholstery. This perfect addition to your trailer living room coordinates beautifully with sofas and Push Back Recliners. All Swivel Glide Recliners have heated seats and a side pocket for the remote.



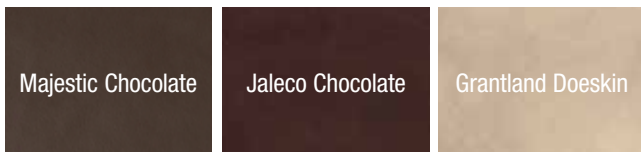
SHOWN IN MAJESTIC CHOCOLATE



part no.	description
377710	Swivel Glide Recliner, Majestic Chocolate
380401	Swivel Glide Recliner, Jaleco Chocolate
380402	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. Choose from three elegant colors to match your RV décor.



part no.	description
377054	Push Back Recliner, Majestic Chocolate
380396	Push Back Recliner, Jaleco Chocolate
380398	Push Back Recliner, Grantland Doeskin



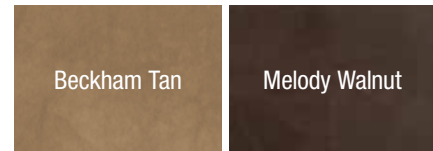
SHOWN IN JALECO CHOCOLATE





## 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.



SHOWN IN BECKHAM TAN

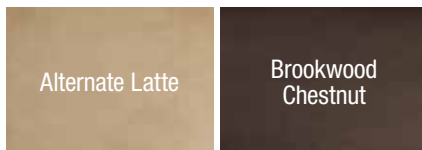
part no.	description
364578	62" Jackknife Sofa, Beckham Tan
364579	62" Jackknife Sofa, Melody Walnut
389304	62" Jackknife Sofa, Pivot Harvest
389307	62" Jackknife Sofa, Poise Mahogany
389308	62" Jackknife Sofa, Poise Dark Chocolate

part no.	description
364580	68" Jackknife Sofa, Beckham Tan
364581	68" Jackknife Sofa, Melody Walnut
389309	68" Jackknife Sofa, Pivot Harvest
389310	68" Jackknife Sofa, Poise Mahogany
389311	68" Jackknife Sofa, Poise Dark Chocolate
364582	Jackknife Sofa Leg Kit

All jackknife sofas come with a kickboard. Leg kit also available, but must be ordered separately.

## 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.



**NEW PRODUCT!**

XL 4" WIDER



SHOWN IN ALTERNATE LATTE

part no.	description
3477221	Euro Recliner Chair, Alternate Latte
3477222	Euro Recliner Chair, Brookwood Chestnut
426797	Euro Recliner Chair XL, Alternate Latte
426798	Euro Recliner Chair XL, Brookwood Chestnut

SHOWN IN BROOKWOOD CHESTNUT

# CONSTRUCTED FOR COMFORT, DURABILITY & LONGEVITY

*Platinum Series*  
REPLACEMENT PONTOON FURNITURE

Quality workmanship and unsurpassed comfort are the foundation upon which every piece of Lippert Platinum Series Pontoon Furniture is built. Equally impressive is the high level of functionality this furniture offers.

With more than 35 years of experience building marine furniture for leading pontoon boat manufacturers, our skillful engineering, R&D and design labs have developed replacement pontoon furniture that is stylish, comfortable and constructed for durability, strength and a long life span in the harsh marine environment. With seventeen items and two monochromatic, neutral fabric options, we have the seating solutions to suit your boating needs.

## Features & Benefits:

### • Frame:

Rotationally-molded, marine grade polyethylene frame, designed to resist warping with thicker polyethylene walls, added support and unique molding lines

### • Storage:

Large dry storage area under hinged seats, livewell ready compartments, channels built into the bases assist with drainage

### • Comfort:

Multiple foam densities provide support and comfort. Furniture depths and heights are sized for comfort onboard

### • Corrosion resistance:

- Aluminum seat hinges
- Stainless steel staples & mounting fasteners

### • Vinyl & Foam:

- Premium marine grade vinyl
- Mildew, UV resistant laminated vinyl
- Bonded, polyester, color fast, UV-resistant threads
- Mildew resistant polyurethane foam

Three dynamic monochromatic color offerings based on colors used by leading OEM builders today – dove grey, beige & white



## BENCH SEATS

Relax and unwind on the bench seating that sets the industry standard. Our rotationally-molded bench seating frames and bases allow for the most seating support and storage capacity within the marine and pontoon furniture industry.



*Shown in beige*

## *Platinum Series*

REPLACEMENT PONTOON FURNITURE



*Shown in dove grey*

part no.	description
433060	30" Bench Seat Beige
433100	30" Bench Seat Grey
674641	30" Bench Seat White
433061	36" Bench Seat Beige
433104	36" Bench Seat Grey
674624	36" Bench Seat White
433062	50" Bench Seat Beige
433105	50" Bench Seat Grey
674643	50" Bench Seat White

## CORNERS

Designed to seamlessly integrate with all lines of pontoon seating available in the marine market, our corner seats offer a simple and effective replacement option.



*Shown in white*

part no.	description
433042	32x32 Square Corner Beige
433066	32x32 Square Corner Grey
674632	32x32 Square Corner White
433064	32x32 (30") Radius Corner Beige
433107	32x32 (30") Radius Corner Grey
674645	32x32 (30") Radius Corner White

## CHAISES

Boasting a variety of uses from additional storage space to optional privacy areas for changing.

*Platinum Series*  
REPLACEMENT PONTOON FURNITURE

part no.	description
433058	17" Left Chaise Beige
433098	17" Left Chaise Grey
674639	17" Left Chaise White
433059	17" Right Chaise Beige
433099	17" Right Chaise Grey
674640	17" Left Chaise White



*Shown in white*

## ARMS & CUPHOLDERS

Our customizable cupholders are designed for functionality while minimizing onboard space usage and providing configuration versatility. Cooling options available.

part no.	description
433043	8.5" Left Arm Beige
433067	8.5" Left Arm Grey
674630	8.5" Left Arm White
433044	8.5" Right Arm Beige
433068	8.5" Right Arm Grey
674631	8.5" Right Arm White

part no.	description
433047	Mobile Cupholder Beige
433069	Mobile Cupholder Grey
674633	Mobile Cupholder White



*Shown in beige*



*Shown in dove grey*

## HELM STATIONS

Featuring rotationally-molded polyethylene construction and designed to resist warping with strong wall thicknesses, our helm stations are not only contemporary and attractive, but functional and easy to install.

*Platinum Series*

REPLACEMENT PONTOON FURNITURE

part no.	description
433049	41" Helm Stand Beige
433070	41" Helm Stand Grey
674634	41" Helm Stand White



*Shown in dove grey*



*Shown in beige*

part no.	description
433065	34" Helm Stand Beige
433108	34" Helm Stand Grey
674646	34" Helm Stand White

## BUCKET SEAT

### *Platinum Series*

REPLACEMENT PONTOON FURNITURE



*Shown in dove grey*



*Shown in dove grey*

Touting a sporty appearance, our bucket seating offers the driver flexibility and comfort.

part no.	description
433050	Bucket Seat Beige
433094	Bucket Seat Grey
674635	Bucket Seat White

## LOW BACK SEAT

Low back helm seating marries comfort with functionality. The self-leveling arms provide added luxury.

part no.	description
433051	Low Back Seat, Non Recline w/Arm Beige
433095	Low Back Seat, Non Recline w/Arm Grey
674636	Low Back Seat, Non Recline w/Arm White



*Shown in beige*



*Shown in beige*

## FLIP FLOP SEAT

*Platinum Series*

REPLACEMENT PONTOON FURNITURE



*Shown in beige*



*Shown in beige*



*Shown in white*

The flip flop seat allows for seating in any desired direction, and its interior compartment provides additional dry storage onboard.

part no.	description
433063	Flip Flop Seat Beige
433106	Flip Flop Seat Grey
674644	Flip Flop Seat White

## HIGH BACK SEAT

Our line of high and low back recliner seats provide unparalleled comfort and durability. Featuring a stylish and modern appearance, our helm seating is constructed to withstand extreme climate conditions and resist wear from long-term and frequent use.

Featuring stainless steel hardware, multiple density foam packs, head rests, self-leveling arms and the ability to recline provides additional comfort.

part no.	description
433053	High Back Seat, Recline w/Arm Beige
433054	High Back Seat, Recline w/Arm w/Bolster Beige
433096	High Back Seat, Recline w/Arm Grey
433097	High Back Seat, Recline w/Arm w/Bolster Grey
674637	High Back Seat, Recline w/Arm White
674638	High Back Seat, Recline w/Arm w/Bolster White



*Shown in beige*



*High back seat with flip up bolster*

## SUNDECK KIT

part no.	description
675253	SunDeck Kit White
672840	SunDeck Kit Beige
672841	SunDeck Kit Grey

## BLACK LABEL\_SERIES SEATING

Lippert Components proudly introduces our range of helm/pilothouse seats. Constructed for performance, comfort and longevity in the marine environment with corrosion-resistant, e-coated steel frames and stainless hardware. Designed for comfort with multiple density foam packs, headrests, and the ability to recline, Platinum Series helm seating features self-leveling arms and soft touch vinyl.

The seating material resists UV rays, mold and mildew, and features mesh pockets with dynamic stitch lines that provide modern styling. Available in low, mid and high back seat options and available in three colors: Bone White, Onyx-Black, and Cognac. Mid and high back seats offered with or without bolster.

### HIGH BACK SEAT



*Shown  
in bone  
white*



*Shown in  
bone white*



*Pedestals and associated hardware not included. Seats only.*



MID BACK SEAT



*Shown in cognac*



*Shown in cognac*

LOW BACK SEAT



*Shown in onyx-black*



*Shown in onyx-black*

*Pedestals and associated hardware not included. Seats only.*

## 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.



### 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.



**Perfect-Fit  
Pillow Protector**

- Washable pillow protector
- Protects against stains, soils and dust mites
- Machine washable, hypoallergenic
- Water resistant



part no.	description	size
656548	Jumbo	28" x 20"
656549	King	36" x 20"

**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
656561	Bunk	38" x 75" x 12"
656572	Queen	60" x 80" x 12"
656573	King	76" x 80" x 12"

**Perfect-Fit  
Mattress Pad**

- Ultra soft microfiber fabric
- Unique drawstring design
- Machine washable, hypoallergenic
- Water resistant
- Fits up to 12" deep mattress



part no.	description	size
656554	Bunk	38" x 75" x 12"
656558	Queen	60" x 80" x 12"
656560	King	76" x 80" x 12"



### Sheet Sets

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

### MICROFIBER SHEET SETS

- Ultra-soft brushed microfiber
- Extra-long top sheet
- Fits mattresses up to 12" deep
- Heavy-duty elastic perimeter for stay-put fit

part no.	description
343515	Short Queen, 60" x 75"
343517	Queen, 60" x 80"
343518	Narrow King, 72" x 80"
343519	King, 76" x 80"

### ADJUSTABLE SHEET SETS

- Ultra-soft brushed microfiber
- Extra-long top sheet
- Adjustable drawstring fits unique mattress sizes
- Fits mattresses up to 12" deep

part no.	description	size
343530	Bunk	30-34" x 70-75", best for cots and bunks
343531	Three Quarter	35-48" x 70-75", best for twin and 3/4 sizes
343532	Queen	49-60" x 75-80", best for full and queen sizes
343533	King	61-76" x 75-80", best for king sizes

# 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

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 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

# Teddy Bear Bunk Mattress Cover



**NEW  
PRODUCT**



*Teddy Bear Tan*

*Teddy Bear Chocolate*

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

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