



ELECTRIC STABILIZER JACK OWNER'S MANUAL

L I P P E R T
C O M P O N E N T S®

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System

WARNING

Failure to act in accordance with the following may result in death or serious injury.

The Lippert Electric Stabilizer Jack is intended for the purpose of stabilizing the coach. The use of this system for any reason other than which it is intended is prohibited by Lippert's Limited Warranty and may result in serious personal injury or death.

The Lippert Electric Stabilizer Jack is designed as a stabilizing component system and should not be used to provide service for any reason under the coach such as changing tires or repairing or replacing any components beneath the coach. Do NOT use this stabilizer jack to attempt to level the coach.

WARNING

Lippert Components Inc. recommends that a trained professional be employed to change the tires on the coach. Any attempts to change tires or perform other service while coach is supported by the Lippert Electric Stabilizer Jack could result in death, serious injury and/or damage to the coach.

NOTES:

- Be sure to park the coach on solid, level ground.
- Clear all stabilizer jack landing locations of debris and obstructions. Locations should also be free of depressions.
- When parking the coach on extremely soft surfaces, utilize load distribution pads under each jack.
- People and pets should be clear of the coach while operating the Electric Stabilizer Jack.
- Never lift the coach completely off the ground. Lifting the coach so the wheels are not touching the ground will create an unstable and unsafe condition.

System Description

Please read and study the operating manual before operating the Electric Stabilizer Jack. The Lippert Electric Stabilizer Jack is a 12VDC electric motor-driven system. The electric motor drives an acme threaded screw to extend and retract the stabilizer legs to stabilize the coach. The Lippert Electric Stabilizer Jack is designed to operate as a negative ground system.

There are no serviceable parts within the electric motor. If the motor fails, it **MUST** be replaced.

Disassembly of the motor voids the warranty.

Mechanical portions of the Lippert Electric Stabilizer Jack are replaceable. Contact Lippert Components, Inc. to obtain replacement parts.

⚠ WARNING

The coach should be supported at both front and rear with jack stands before working underneath. Failure to do so may result in death or serious injury.

Operation

⚠ WARNING

Failure to act in accordance with the following may result in death or serious injury. Always make sure that the Lippert Electric Stabilizer Jack area is clear of people and objects before and during operation of the stabilizer jack. Always keep away from the stabilizer jack when it is being operated. There are areas that may pinch or catch on loose clothing causing personal injury.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Extending Stabilizer Jack

1. Level the coach.
2. Verify the battery is fully charged and hooked up to the electrical system.
3. Press and hold EXTEND (Fig. 1A) until the stabilizer jack foot pads contact the ground and the coach is stabilized.
4. Release the switch.

Retracting Stabilizer Jack

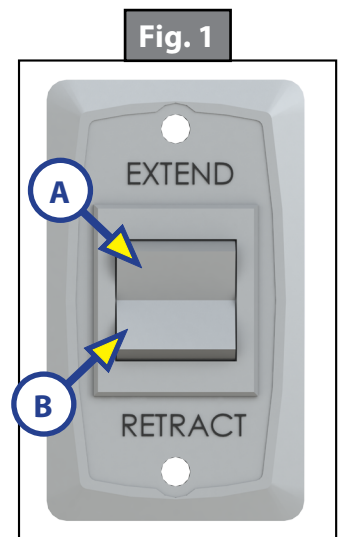
1. Verify the battery is fully charged and hooked up to the electrical system.
2. Press and hold RETRACT (Fig. 1B) until the stabilizer jack is fully retracted.
3. Release the switch.

6 Amp Circuit Breaker

The Electric Stabilizer Jack should be extended until the footpads make contact with the ground. By keeping the switch depressed for another 1-2 seconds, the jack will set and be ready for use. The Electric Stabilizer Jack should never be extended more than two seconds beyond initial contact with the ground. The Electric Stabilizer Jack is used for stabilizing the coach, not leveling the coach. In the event the system shuts off while trying to stabilize the coach, the 6A in-line automatic reset circuit breaker has tripped and will reset within 10 seconds. This is an indication that the jack is not being used as intended and is trying to support too much weight.

If the reset circuit breaker trips, retract the Electric Stabilizer until the foot pads no longer contact the ground and start again. If the ground is unlevel to the point that the stabilizer jack is being used to compensate, the coach will most likely need to be moved to accommodate the intended use of the stabilizer.

NOTE: Ensure the stabilizer jack is fully retracted prior to moving the coach.



System Maintenance

Mechanical Maintenance

It is recommended that when operating in harsh environments (road salt, ice build up, etc.) the moving parts be kept clean. They can be washed with mild soap and water. No grease or lubrication is necessary and in some situations may be detrimental to the environment and long term dependability of the system.



Do not work on the stabilizer jack unless the battery is disconnected. Failure to act in accordance with the following may result in death or serious injury.

Electrical Maintenance

For optimum performance, the system requires full battery current and voltage. The battery **MUST** be maintained at full capacity. Other than good battery maintenance, check the terminals and other connections at the battery, the control switch, and the electric motor for corrosion, and loose or damaged terminals. Check motor leads under the trailer chassis. Since these connections are subject to damage from road debris, be sure they are in good condition.

NOTE: The Lippert Electric Stabilizer Jack is designed to operate as a negative ground system. A negative ground system utilizes the chassis frame as a ground and an independent ground wire back to battery is necessary. It is important that the electrical components have good wire to chassis contact. The majority of electrical problems are due to bad ground connections.

Troubleshooting

Manual Override

⚠ CAUTION

Always disconnect the battery from the system prior to manually operating the system. Failure to disconnect the battery can cause electricity to backfeed through the motor and cause serious damage to the system as well as void the Limited Warranty.

The Lippert Electric Stabilizer Jack comes with a manual override system located on the end opposite of the electric motor (Fig. 2A).

To manually operate the stabilizer jack:

1. Disconnect one of the wire leads from the motor to prevent backfeeding the motor.
2. Next, insert the ½" dia. crank handle (Fig. 3) over the coupler and pin at the end of the stabilizer jack (Fig. 2A). The slot in the end of the crank handle (Fig. 3A) accommodates the pin on the coupler (Fig. 2A) to allow the manual extension/retraction of the stabilizer jack.
3. Rotate the crank handle clockwise to extend or counterclockwise to retract the stabilizer jack.

NOTE: The gears can be stripped out if the stabilizer jack is manually retracted/extended to its fullest extent and the operator continues to rotate manual override.

⚠ CAUTION

Any damage due to misuse of the Manual Override feature will void the Limited Warranty.

Fig. 2

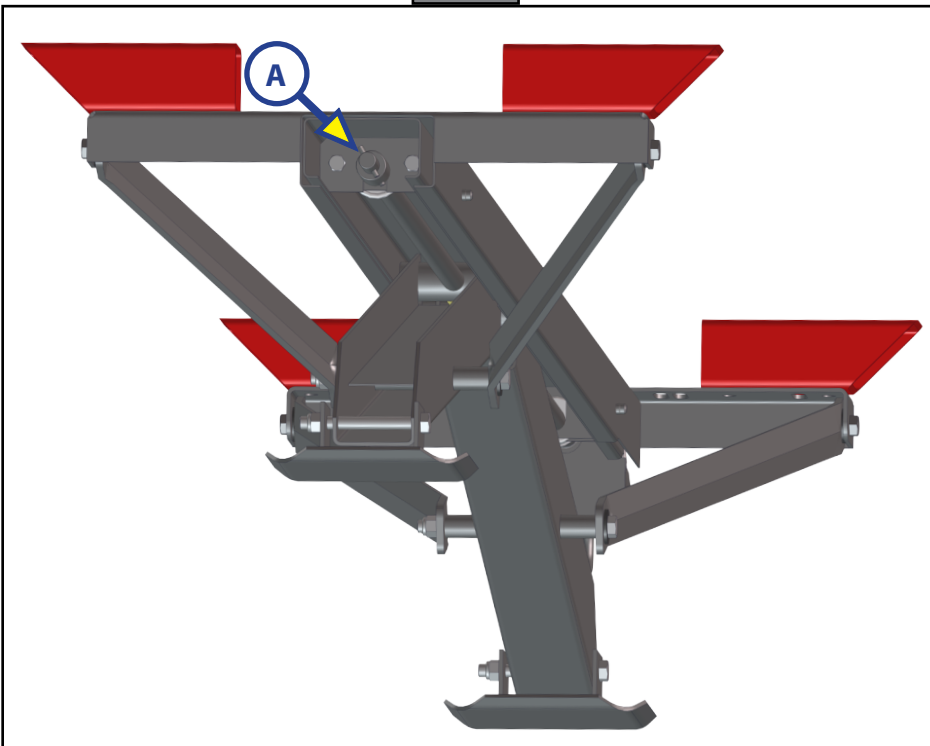
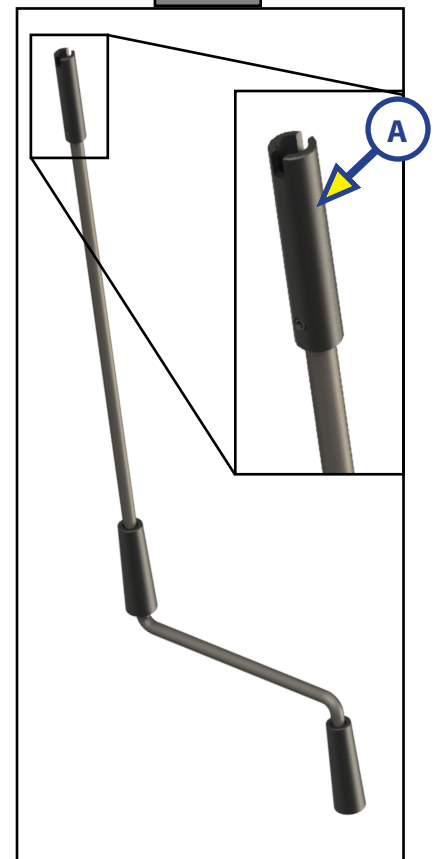


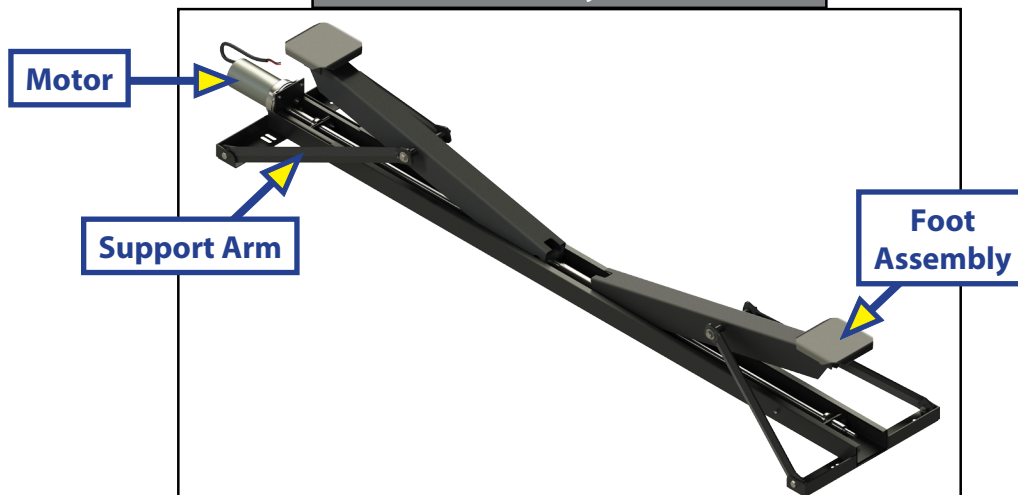
Fig. 3



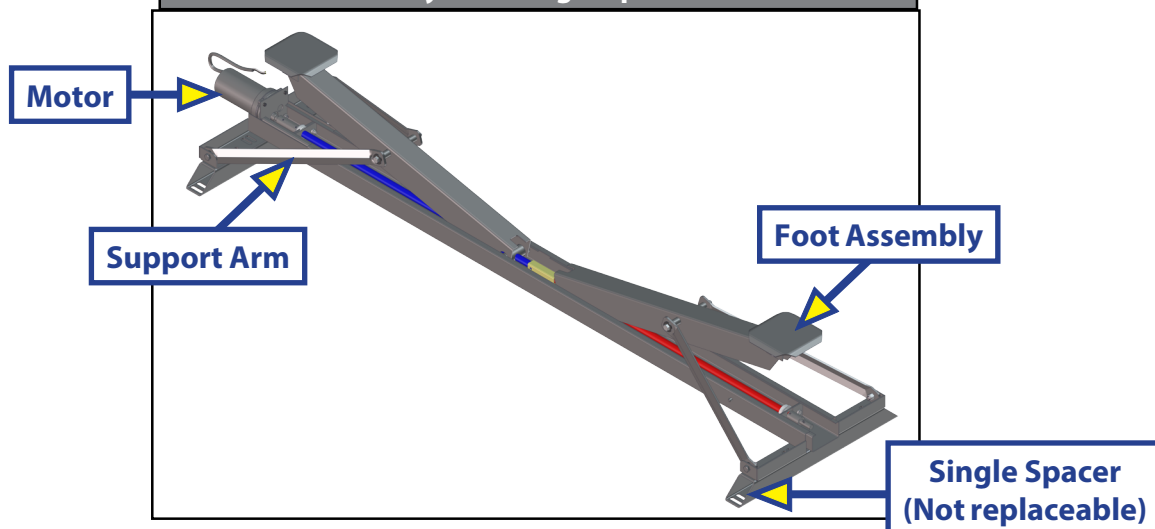
ELECTRIC STABILIZER JACK ASSEMBLIES

LEVELING AND STABILIZATION

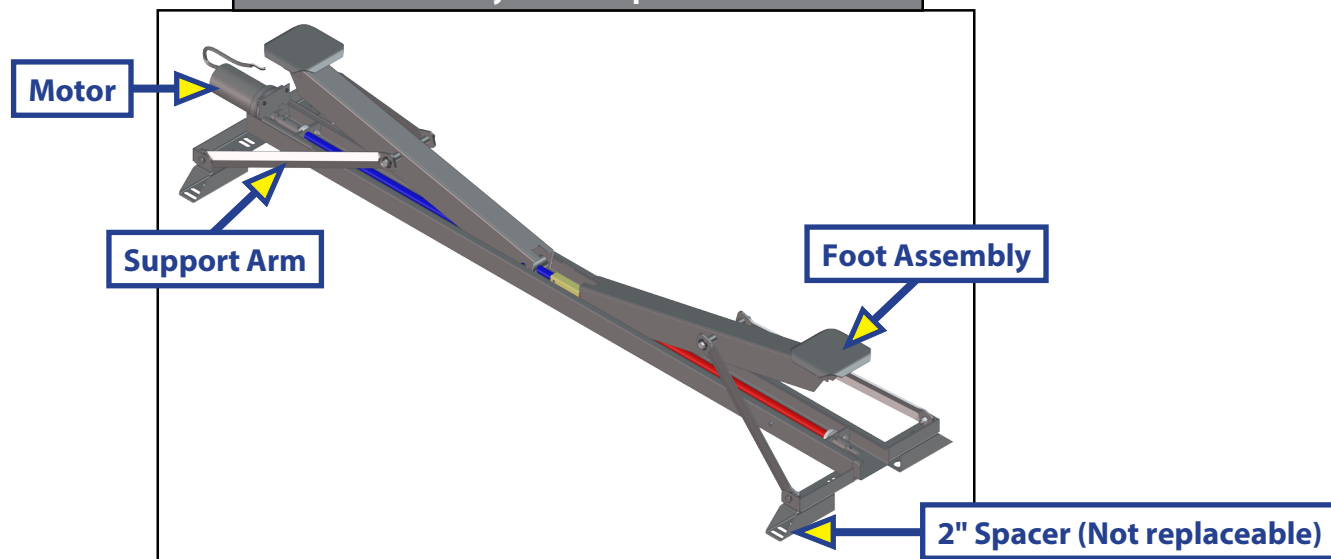
Standard Assembly - Part #113407



Ultra Lite Assembly with Single Spacer - Part #300625



Ultra Lite Assembly with 2" Spacer - Part #300626

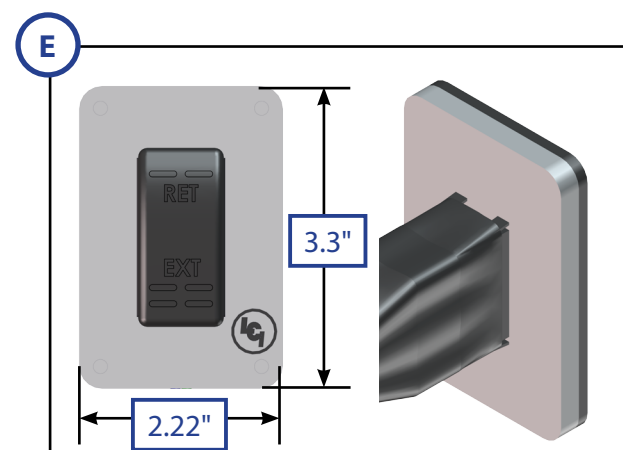
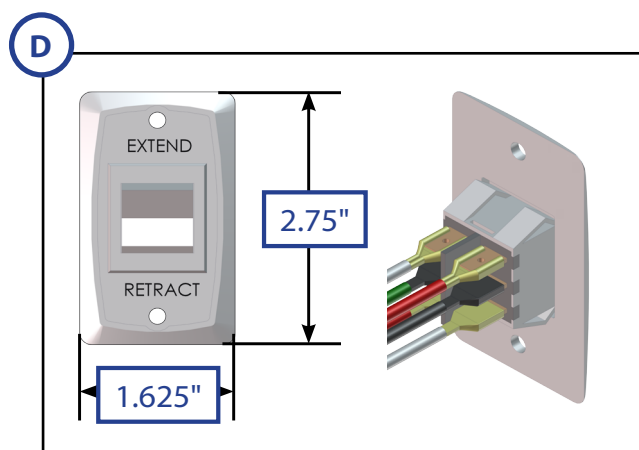
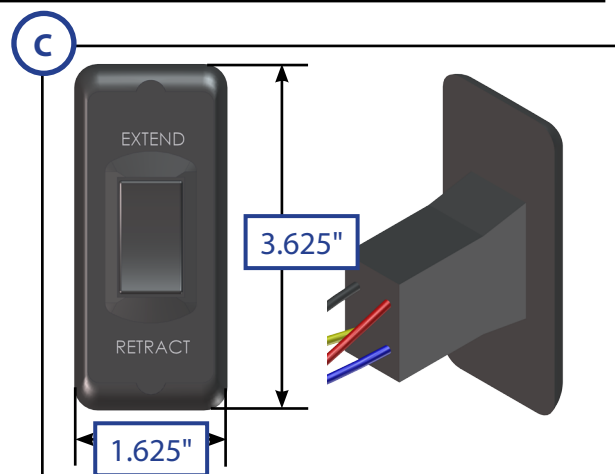
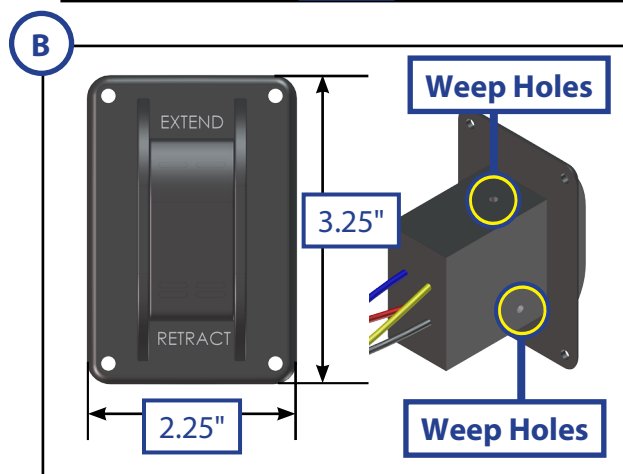
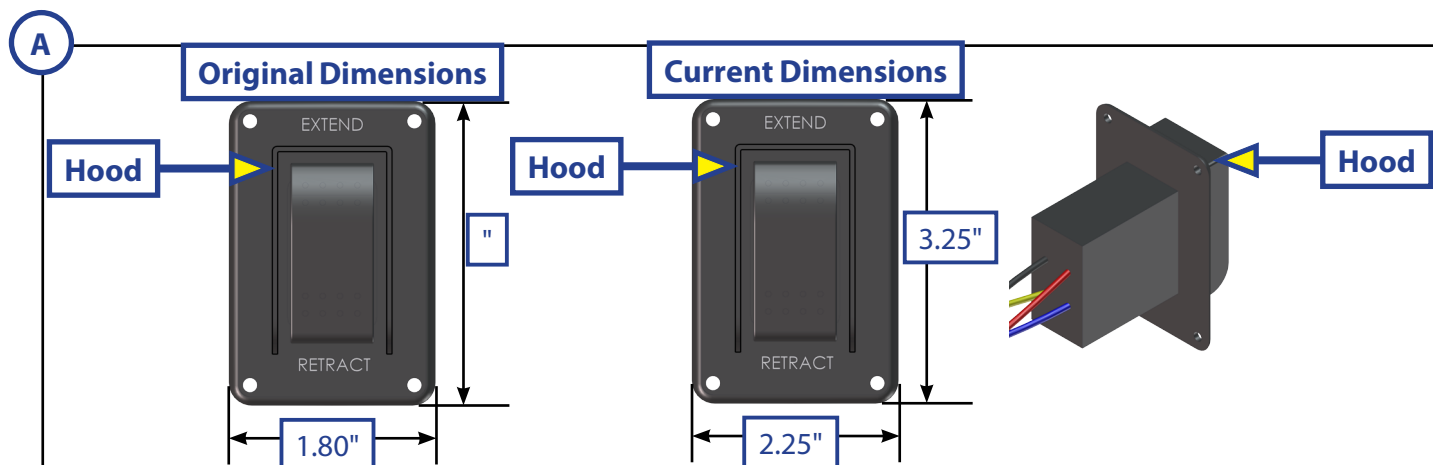




LIPPERT
COMPONENTS

ELECTRIC STABILIZER JACK COMPONENTS

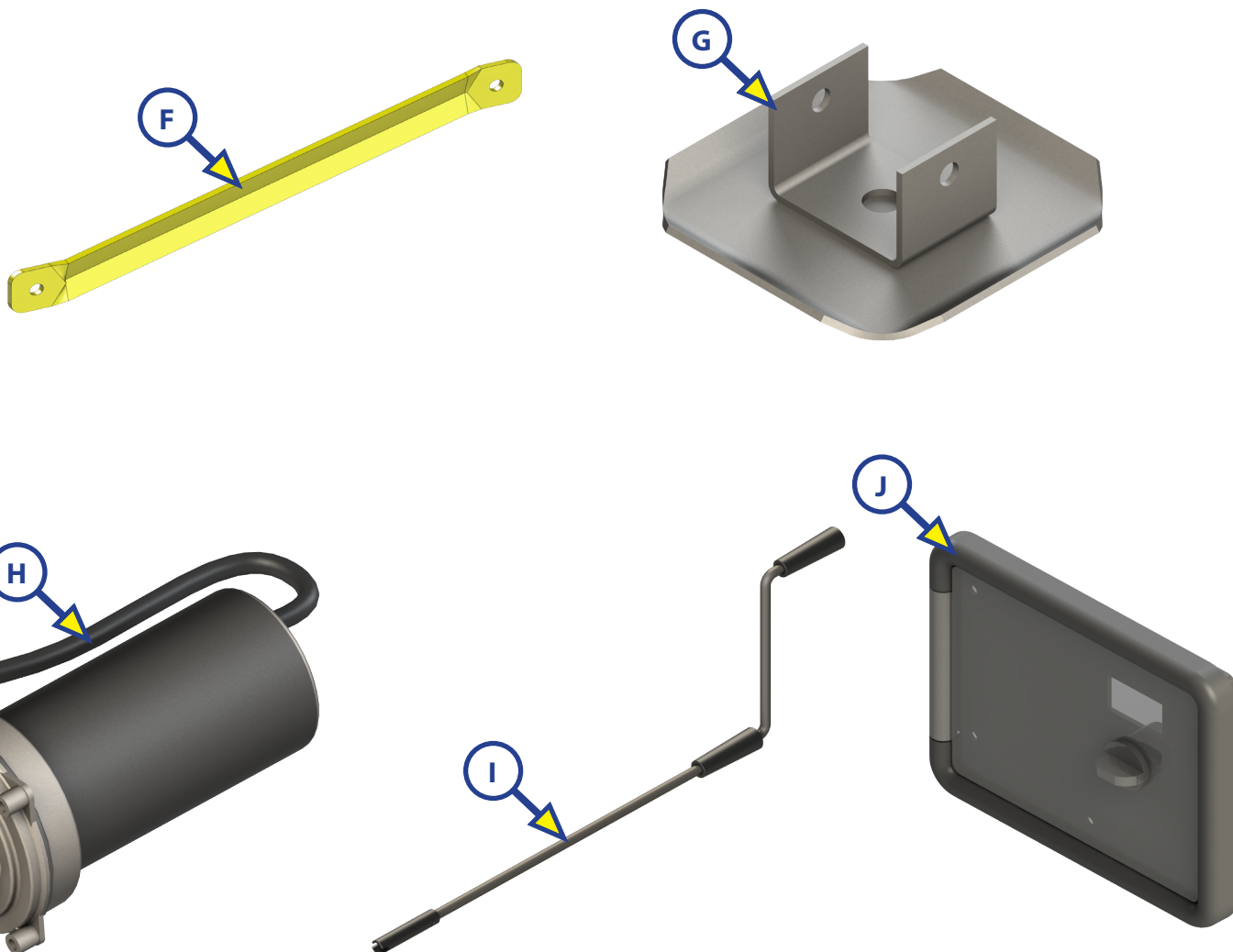
LEVELING AND STABILIZATION



Callout	Part #	Description
A	387874	Waterproof Electric Stabilizer Jack Switch with Harness
B	344484*	Waterproof Electric Stabilizer Jack Switch with Harness (OBSOLETE - Use 387874)
C	242409*	Waterproof Electric Stabilizer Jack Switch with Harness (OBSOLETE - Use 387874)
D	144214	Non-Waterproof Electric Stabilizer Jack Switch with Bezel and Harness
E	138415	Non-Waterproof Electric Stabilizer / Hydraulic Landing Gear Switch
NOTE: (*) When purchasing a switch for exterior use without a waterproof enclosure box, purchase 387874 .		

ELECTRIC STABILIZER JACK COMPONENTS

LEVELING AND STABILIZATION



Callout	Part #	Description
F	1134121	Black Support Arm
	1134122	Yellow Support Arm
G	157584	Foot Assembly
H	138445	Klauber C800 Motor
	352338	Electric Stabilizer Jack Motor
I	119226	Jack Crank Handle
J	134025*	Hatch Cover
NOTE: (*) This part can be purchased as black or white using the same part number.		

Notes

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Please recycle all obsolete materials.

For all concerns or questions, please contact
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