

LiftMaster 6930SG

Liftmaster 3 Ton Aluminum and Steel Low Profile High Lift Floor Jack

Model: 6930SG

IMPORTANT SAFETY INFORMATION

Read and understand this entire manual before operating the Liftmaster 3 Ton Aluminum and Steel Low Profile High Lift Floor Jack. Failure to follow these instructions may result in serious injury or property damage. This floor jack is designed for lifting purposes only. Always use appropriate jack stands to support the vehicle after lifting. Never work under a vehicle supported only by a floor jack.

- **Rated Capacity:** Do not exceed the rated capacity of 3 tons (6000 lbs).
- **Surface:** Always use the jack on a hard, level surface. Avoid uneven ground or soft surfaces.
- **Stability:** Ensure the vehicle is stable and cannot roll before lifting. Engage the parking brake and block wheels.
- **Jack Stands:** Immediately after lifting, place appropriately rated jack stands under the vehicle's designated support points.
- **Overloading:** The dual pump quick lift hydraulic system is equipped with a safety valve to prevent overloading beyond rated capacity. Do not attempt to bypass this safety feature.
- **Maintenance:** Regularly inspect the jack for damage or wear. Do not use if damaged.

SETUP

Before first use, perform the following steps to ensure proper operation and safety.

1. **Unpacking:** Carefully remove the floor jack from its packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Insert the handle into the handle socket on the jack. Ensure it is securely seated.
3. **Check Fasteners:** Verify that all nuts and bolts, especially those on the casters, are securely tightened. Loose fasteners can affect stability and operation.

4. **Bleeding the Hydraulic System:** Air can become trapped in the hydraulic system during shipping. To bleed the system:

- Turn the handle counter-clockwise to fully open the release valve.
- Pump the handle rapidly 10-15 times without a load.
- Turn the handle clockwise to close the release valve.
- Test the jack by lifting it to its full height and then lowering it. Repeat if necessary until the jack operates smoothly.



Image: The Liftmaster 3 Ton Aluminum and Steel Low Profile High Lift Floor Jack in its lowered position, showcasing its gold and silver components.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective use of your floor jack.

1. **Prepare the Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and place wheel chocks on the wheels that will remain on the ground.
2. **Position the Jack:** Locate the vehicle's manufacturer-recommended lifting points. Position the jack saddle directly under the lifting point. The jack's ultra-low 2.95 inch (75mm) entry point is ideal for lower body frame cars, while its high lift range up to 19.68 inches (500mm) accommodates pickups and SUVs.
3. **Lift the Vehicle:** Turn the handle clockwise until the release valve is fully closed. Pump the handle to raise the vehicle. Lift the vehicle only high enough to place jack stands.
4. **Secure with Jack Stands:** Once the vehicle is at the desired height, immediately place appropriately rated jack stands under the vehicle's designated support points.
5. **Lower the Jack:** Slowly turn the handle counter-clockwise to open the release valve and lower the jack

until the vehicle rests securely on the jack stands. Remove the floor jack.

- 6. Remove Jack Stands and Lower Vehicle:** When work is complete, raise the vehicle slightly with the floor jack to remove the jack stands. Then, slowly turn the handle counter-clockwise to lower the vehicle completely to the ground. Remove the floor jack and wheel chocks.



Image: The floor jack in a partially raised position, demonstrating its lifting capability.



Image: A close-up view of the jack's low profile, with a tape measure indicating its minimum height.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your floor jack.

- **Lubrication:** Periodically lubricate all moving parts, including the pivot points and casters, with light machine oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level regularly. If low, add high-quality hydraulic jack oil. Do not use brake fluid or other non-approved fluids.
- **Cleaning:** Keep the jack clean and free of dirt, grease, and corrosive materials.
- **Release Valve Threads:** If the release valve becomes stiff or causes the jack to lower too quickly, apply a small amount of oil to the threads of the release valve mechanism. This can help ensure a smooth and controlled lowering action.
- **Storage:** Store the jack in a clean, dry place with the ram fully retracted to prevent corrosion and extend seal life.



Image: The jack with its saddle removed, showing the top plate where the saddle rests.



Image: A close-up view of the dual pump hydraulic mechanism, highlighting its components.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Air in hydraulic system, low hydraulic fluid, or overloaded.	Bleed the hydraulic system (see Setup). Check and refill hydraulic fluid. Ensure load does not exceed 3 tons.
Jack lowers under load.	Release valve not fully closed, internal seal damage, or overloaded.	Ensure release valve is fully closed. Do not use if internal seals are suspected to be damaged; seek professional repair. Ensure load does not exceed 3 tons.
Jack lowers too quickly or is difficult to control.	Release valve mechanism is stiff or worn.	Apply oil to the threads of the release valve mechanism. Turn the handle slowly and carefully when lowering. If the issue persists, professional inspection may be required.
Casters are loose or fall off.	Fasteners are not tightened.	Securely tighten all caster nuts and bolts before use.

SPECIFICATIONS

Feature	Detail
Model Number	6930SG
Rated Capacity	3 Tons (6000 lbs)
Material	Aluminum frame, heavy-duty steel lift arm
Minimum Lifting Height	2.95 inches (75 mm)
Maximum Lifting Height	19.68 inches (500 mm)
Item Weight	27 Kilograms (approx. 59.5 lbs)
Item Dimensions (L x W x H)	28.35 x 12.99 x 5.91 inches
Vehicle Service Type	Car, RV, Sport Utility Vehicle, Tractor, Trailer, Truck, Van
UPC	799804607415

WARRANTY INFORMATION

For detailed warranty information regarding your Liftmaster 3 Ton Aluminum and Steel Low Profile High Lift Floor Jack, please refer to the manufacturer's official website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

SUPPORT INFORMATION

For technical assistance, parts inquiries, or any other support needs, please contact LiftMaster customer support. Contact details can typically be found on the product packaging, the manufacturer's official website, or through your retailer.