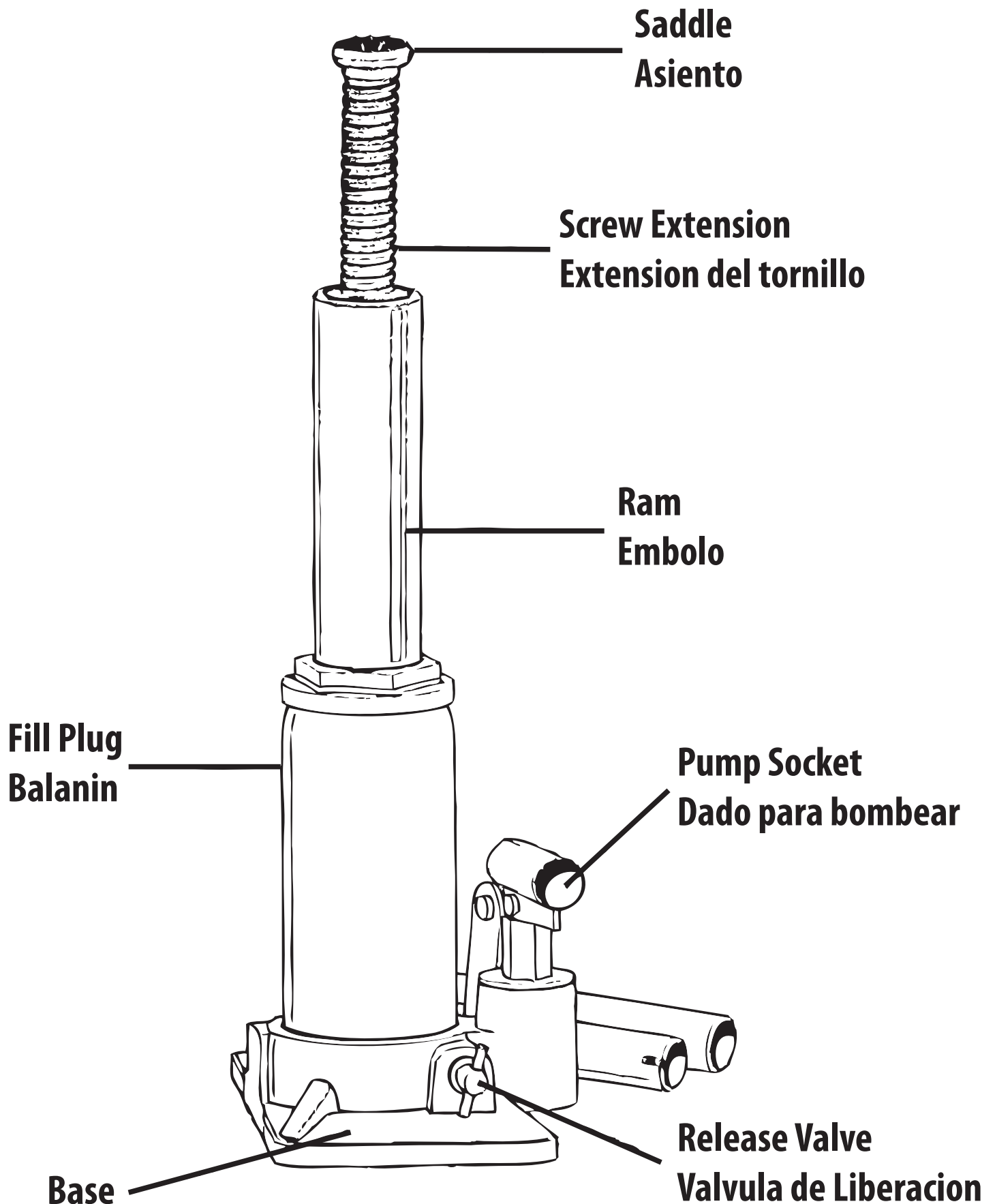


HYDRAULIC BOTTLE JACK OPERATING & MAINTENANCE INSTRUCTION MANUAL





HYDRAULIC BOTTLE JACK - MONTHLY MAINTENANCE

Monthly Maintenance is highly recommended.

Lubrication is critical to jacks as they support heavy loads. Any restriction due to dirt, rust etc. can cause either slow movement, or extremely rapid “jerks” damaging internal components.

The following steps are those to keep your jack well lubed.

LUBRICATION

1. lubricate the Ram, linkages, Saddle and pump mechanism with light oil.
2. Visually inspect for cracked, bent, loose or missing parts or hydraulic oil leaks.
3. If jack is subjected to abnormal load or shock, remove from service and have inspected by an authorized repair service.
4. Clean all surfaces and maintain labels and warnings.
5. Check and maintain oil level.

CHECKING OIL LEVEL

!WARNING!

DO NOT USE BRAKE OR TRANSMISSION FLUIDS, OR REGULAR MOTOR OIL AS THESE CAN DAMAGE THE SEALS. ALWAYS USE PRODUCTS LABELED “HYDRAULIC JACK OIL”

!WARNING!

1. Turn release valve counterclockwise to allow ram to fully retract. Force may need to be applied to saddle to aid in lowering.
2. Stand jack in vertical position with saddle on top.
3. With jack in level position remove oil fill plug. Oil should be even with the bottom of hole. If not, top up. Do not overfill. Always fill with new, clean hydraulic jack oil.
4. Replace fill plug.
5. Check jack operation.
6. See Troubleshooting for Air Purge procedure.



TROUBLESHOOTING - SYSTEM AIR PURGE

1. Turn release valve counterclockwise one full turn to open.
2. Fully pump handle eight (8) full strokes.
3. Close release valve.

TROUBLESHOOTING - BASIC SYMPTOMS

PROBLEM	POSSIBLE CAUSE	ACTION
Jack will not lift to full height Release Valve not Closing	Low oil level Release valve not closing Jack oil contaminated Pump valves not sealing	Check oil level Call customer service
Saddle will not lower	Cylinder ram binding Parts worn Internal Damage	Call customer service
Jack feels "spongy" while lifting	Air in system	See system air purge

HYDRAULIC JACK STORAGE

Always store your jack in the closed position - This will protect critical areas from excessive corrosion, dust and debris.