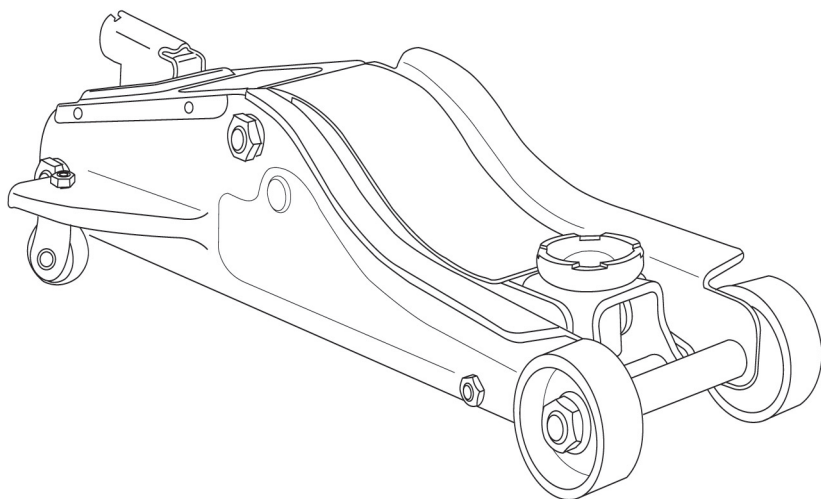


TJL2BM LOW PROFILE TROLLEY JACK WITH CASE

OWNER'S MANUAL

2 TONNE MAX CAPACITY



FOR YOUR SAFETY
PLEASE READ THESE INSTRUCTIONS CAREFULLY
AND RETAIN THEM FOR FUTURE USE.



SPECIFICATION

MAX CAPACITY	2 TONNE
RETRACTED HEIGHT	89MM
FULLY EXTENDED	359MM

OPERATION

The owner is responsible for maintaining all decals and warning labels and maintaining the unit in good working order. Safety information should be emphasised and understood prior to usage. This jack shall be inspected as per the instruction manual before each use.

It is the owner's/operators' responsibility to study all warnings, operating and maintenance instructions contained on the product label and within this instruction manual to ensure proper operation of this jack. The owner/operator shall retain these product instructions for future reference.

This jack shall be maintained in accordance with the product instructions. No alterations shall be made to this jack.

INSPECTION

Before each use a visual inspection shall be made for abnormal conditions such as cracked welds, damaged, bent, worn, loose or missing parts.

This jack should be inspected immediately if it is believed to have been subjected to an abnormal load or shock. Owner/operators should be aware that repair of this jack requires specialised equipment and knowledge.

RAISING A VEHICLE

1. Make sure the jack and vehicle are on a hard level surface.
2. Always set the vehicle handbrake and chock the wheels.
3. Consult the vehicle owner's manual to ascertain the location of jacking points and position the jack beneath the lift point.
4. Turn the release valve clockwise to the closed position but do not over tighten.
5. To raise the vehicle place the handle into the socket and pump up and down.
6. Place jack stands beneath the vehicle at locations recommended by the vehicle manufacturer. Do not work under the vehicle without the use of jack stands. Jacks are not designed to maintain heavy loads for long periods of time. Do not attempt to place jack stands simultaneously under both ends of a vehicle or along one side of a vehicle.
7. Turn the release valve slowly counter clockwise to lower the vehicle onto the jack stands.

LOWERING A VEHICLE

1. Turn the release valve clockwise to the closed position.
2. Pump the handle to lift the vehicle off the jack stands.
3. Remove the jack stands.
4. Do not get under the vehicle while the vehicle is being lowered.
5. Turn the release valve slowly counter clockwise to lower the vehicle onto the ground.

MAINTENANCE

Monthly maintenance is recommended. Lubrication is critical to jacks as they support heavy loads. Any restriction due to dirt, rust or corrosion can cause either slow movement or rapid jerks damaging the internal components. The following steps are designed to keep the jack maintained and operational.

1. Lubricate the ram, linkages, saddle and pump mechanism with light oil.
2. Visually inspect the jack for cracked welds, bent, loose or missing parts and hydraulic oil leaks.
3. If this jack is found to be damaged in any way or operating abnormally it should be removed from service until repaired by an authorised service centre.
4. Clean all surfaces and maintain all labels and warnings.
5. Check and maintain the ram oil level.
6. Check the ram every 3 months for signs of rust or corrosion. Clean as needed and wipe with an oily cloth. When not in use always leave the saddle and ram fully retracted.

Always store the jack in the fully lowered position. This will help protect critical areas from corrosion. Do not use brake or transmission fluids or regular motor oil as they can damage the seals. Always refill with hydraulic jack oil.

CHECK THE OIL LEVEL

1. Turn the release valve counter clockwise to allow the ram to fully retract. It may be necessary to apply force to the saddle to lower the ram.
2. Remove the inspection plate.
3. With the jack in the level position remove the oil fill plug. Stand the jack in the vertical position with the handle socket down. The oil should be level with the bottom of the fill hole. If not, top up but do not overfill. Always fill with new, clean hydraulic jack oil.
4. Replace fill plug and inspection plate.
5. Check jack operation.
6. Purge air from the system as required.

SYSTEM AIR PURGE

1. Turn the release valve counter clockwise one full turn to open.
2. Pump the handle eight full strokes.
3. Turn release valve clockwise to close the valve.
4. Pump the handle until the ram reaches maximum height and continue to pump several times to remove air trapped in the ram.
5. Carefully and slowly pinch the oil fill plug to release trapped air.
6. Turn the release valve counter clockwise one full turn and lower the ram to the lowest position. Use force on the saddle if necessary.
7. Turn the release valve clockwise to the closed position and check for proper pump action. It may be necessary to perform the above more than once to ensure all the trapped air is evacuated.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	ACTION
JACK WILL NOT LIFT TO FULL HEIGHT	LOW OIL LEVEL	CHECK OIL LEVEL AND REFILL IF NECESSARY
JACK WILL NOT HOLD LOAD	RELEASE VALVE NOT CLOSING OIL CONTAMINATED PUMP VALVES NOT SEALING CYLINDER RAM BINDING	CONTACT CUSTOMER SERVICE
LIFT ARM WILL NOT LOWER	CYLINDER RAM BINDING PARTS WORN INTERNAL DAMAGE BROKEN RETURN SPRING LIFT ARM LINKAGE BENT OR BINDING	CONTACT CUSTOMER SERVICE
JACK FEELS SPONGY WHEN LIFTING	SEE AIR PURGE SECTION	PURGE TRAPPED AIR

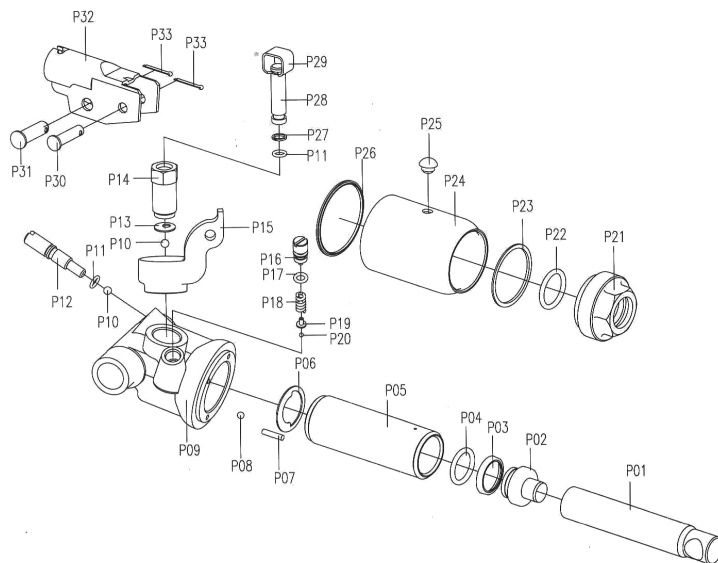
FACTORY SERVICE

If this hydraulic jack is found to be damaged in any way, worn or operating abnormally it should be removed from service until inspected by an authorised repair centre.

Owner/operators should be aware that the repair of this jack requires specialised equipment and knowledge. Only factory authorised parts, labels and decals shall be used on this equipment. An annual inspection of this jack by an authorised repair centre is recommended to ensure the jack maintains an optimum operating condition.

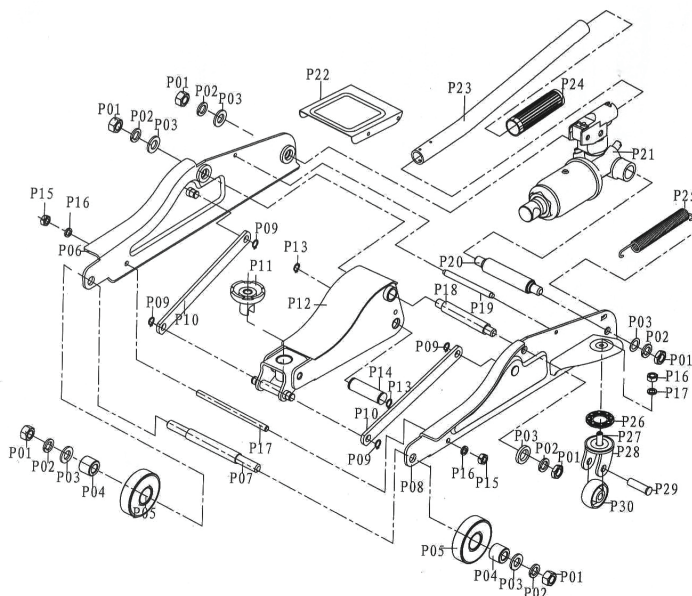
WARNING

- Read and understand all warnings and instructions prior to use.
- Do not overload this jack beyond its rated capacity.
- This jack is a lifting device only.
- This jack is designed for use on hard level surfaces only.
- The load must be supported by jack stands once raised.
- Do not dolly or move the vehicle while it is on the jack.
- Lift only on areas as specified by the vehicle manufacturer.
- Only attachments and/or adaptors supplied by SGS shall be used.
- No alterations to the jack shall be made.
- Failure to heed these warnings may result in damage to the jack and/or failure resulting in personal injury or property damage.
- Inspect the jack before each use.



ITEM	DESCRIPTION	QTY
1	MAIN PISTON	1
2	PISTON HEAD	1
3	BOWL WASHER	1
4	O RING	1
5	CYLINDER	1
6	BOWL WASHER	1
7	OIL FILTER NET	1
8	SPHERE	1
9	MAIN PISTON BASE	1
10	SPHERE	2
11	O RING	2
12	VALVE PISTON	1
13	WASHER	1
14	PUMP PISTON	1
15	HANDLE SOCKET	1
16	PRESSURE BOLT	1
17	O RING	1
18	SPRING	1
19	SPRING BASE	1
20	SPHERE	1
21	CAP	1
22	O RING	1
23	SEAL	1
24	RESERVOIR	1
25	HOLE PLUG	1
26	SEAL	1
27	WASHER	1
28	PUMP PISTON	1
29	PIN BASE	1
30	PINTLE	1
31	PINTLE	1
32	HANDLE SOCKET	1
33	SHAFT	2

ITEM	DESCRIPTION	QTY
1	NUT	6
2	SPRING WASHER	6
3	WASHER	6
4	PIN FOR WHEEL	2
5	FRONT WHEEL	2
6	WALL PLATE	1
7	SHAFT FOR WHEEL	1
8	WALL PLATE	1
9	WASHER	4
10	CONNECTING ROD	2
11	SADDLE	1
12	LIFTING ARM	1
13	WASHER	2
14	PISTON PINTLE	1
15	NUT	4
16	SPRING WASHER	4
17	RETURN ROD	1
18	SUPPORTING SHAFT	1
19	PIN	1
20	BACK SUPPORTING SHAFT	1
21	POWER UNIT	1
22	COVER BOARD	1
23	HANDLE	1
24	HANDLE COVER	1
25	SPRING	1
26	SPHERE HOLDER	2
27	BOLT	2
28	SUPPORTING BOARD	2
29	SHAFT FOR WHEEL	2
30	BACK WHEEL	2



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