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Form No. 102600

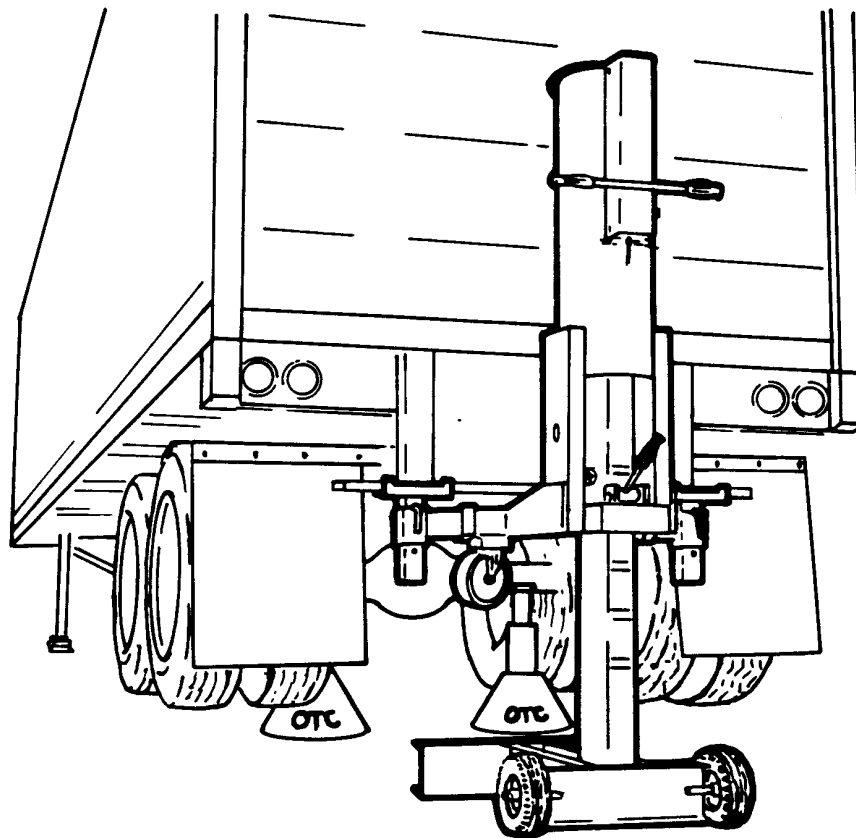
Operating Instructions for:

1590

Air Lift

Max. Capacity: 10 Tons at 200 PSI

The OTC Air Lift (#1590) is built to lift 10 tons using 200 PSI shop air. The two swivel casters make maneuvering easy, and the saddle height is adjustable for those hard-to reach lifting areas. The air control valve has two fittings for your convenience: one quick connect and one Schrader valve.



Sheet No. 1 of 2

Issue Date: Rev. 5-15-95

SAFETY PRECAUTIONS



To help prevent personal injury and/or equipment damage:

- Read and understand the operating instructions before using the Air Lift.
- Do not modify the Air Lift or use attachments unless supplied by OTC Division, SPX Corporation.
- Do not exceed the maximum capacity of the lift.
- Before lifting a vehicle, release the parking brake, place the gear selector in neutral, and chock the wheels at the opposite end.
- Only use the lift on a hard level surface.
- The Air Lift is only designed to raise and lower a load. Use approved safety stands to support the load.
- After raising a load, never place any part of your body under the load or the lift. Never begin work on a vehicle until it is correctly supported by approved safety stands. See Figure 1.
- Center the lift under the load. See Figure 2.
- The Air Lift is only designed to lift from the lifting saddles. The saddles should cradle the lifting point and hook over the frame, bumper, or bed. See Figure 3.
- Release pressure SLOWLY.
- Lubricate the wheels, casters, center roller, and sliding surfaces as needed with a high quality grease.

Failure to heed these warnings can result in loss of load, damage to equipment, and/or failure resulting in personal injury or property damage.

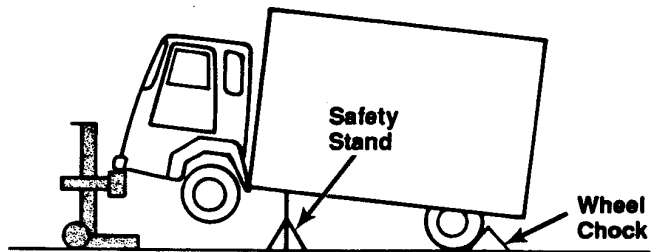


Figure 1

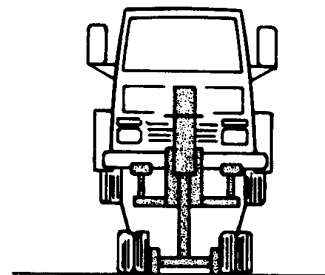


Figure 2

OPERATING INSTRUCTIONS

1. Before lifting a vehicle, release the parking brake, place the gear selector in neutral, and chock the wheels at the opposite end.
2. Center the Air Lift under the load to be raised.
3. Regulate shop air pressure at 200 PSI or less. Connect a shop air hose to one of the fittings on the lift's control valve. (One side has a quick-connect fitting and the other side has a Schrader valve.)
4. Apply shop air (by moving the control valve lever to the left) until the lift meets the load to be raised.
5. Position the lifting saddles to cradle the lifting point and hook over the frame, bumper, or bed. See Figure 3.

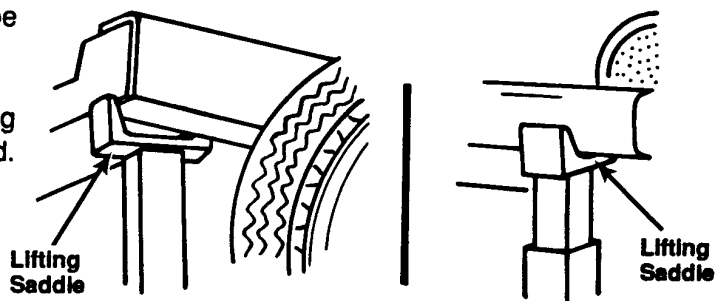


Figure 3

6. Insert saddle pins in the first holes above the saddle weldments. See Figure 4.
7. Continue applying shop air to raise the load. **NOTE: When lifting a load, the load must be able to come back to the Air Lift.**
8. Place approved safety stands under the load.
9. To lower the load, release pressure from the system by SLOWLY moving the control valve lever to the right.

MAINTENANCE

1. Maintain tire pressure at 25 PSI. Periodically grease the fittings on the insides of the wheels.
2. Apply grease to the front and sides of the upright center tube. See Figure 5.
3. Lubricate the wheels, casters, center roller, and sliding surfaces as needed with a high quality grease.
4. Inspect the Air Lift before each use. Keep the control valve and fittings clean. Keep the surface of the lifting saddles clean to ensure sufficient grip during a lift.
5. Periodically check the inlet air filter for debris. Clean or replace the filter when necessary.

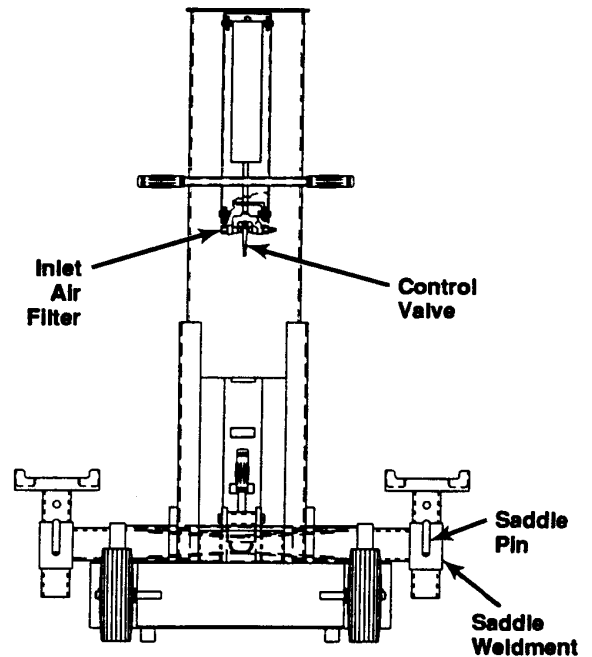


Figure 4

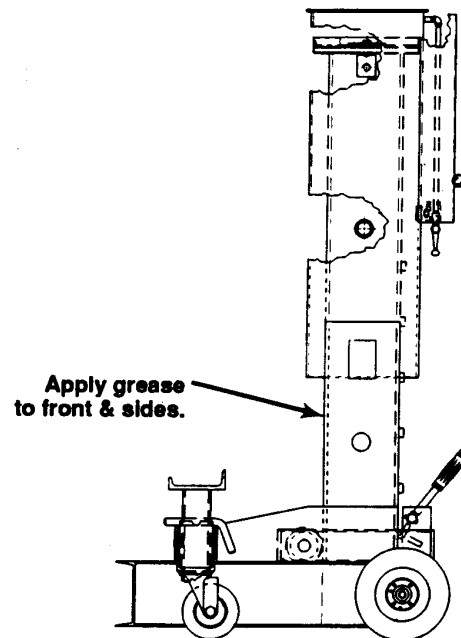


Figure 5