MODEL 20 SERVICE JACK
BUILT TO LAST

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Milwaukee
HYDRAULIC PRODUCTS CORPORATION
MILWAUKEE, WISCONSIN U.S.A.
## MODEL 20 OPERATING INSTRUCTIONS

1. **TO RAISE JACK** - Turn HANDLE (38) in a clockwise direction until it stops. Pump handle to raise.

2. **TO LOWER JACK** - Turn HANDLE (38) in a counterclockwise direction. Speed of descent can be accurately controlled by the degree handle is turned.

3. **TO REMOVE HANDLE** - Pull out LOCK BUTTON (37) located on HANDLE LEVER (34). Pull out HANDLE (38).

4. **TO REPLACE HANDLE** - Insert HANDLE (38) into HANDLE LEVER (34) socket. LOCK BUTTON (37) automatically engages with handle to lock handle in place.

5. **DANGER** – DO NOT get under the vehicle unless it is supported by jack stands. Failure to do so may result in INJURY OR DEATH.

### HYDRAULIC EXCHANGE UNIT NO. 2100

![Diagram of hydraulic exchange unit](image)

Please specify the serial number of your service jack, in addition, to the part number to expedite your order.
MODEL 20 SERVICE JACKS

MAINTENANCE INSTRUCTIONS

1. LUBRICATION: We recommend periodic packing of the HANDLE LEVER (34) socket with grease to protect the RELEASE DRIVER (39) and RELEASE SCREW (35). Use SAE 30 Oil to lubricate FRONT WHEELS (59), ANCHOR SHAFT (53), LEVEL BAR (5) bearings and LOCK BUTTON (37).

2. HOW TO ADD HYDRAULIC OIL: The need for additional hydraulic oil is indicated when jack does not raise to its full height. To add, lower jack fully and close release. Thoroughly clean off the top of PUMP COVER (29) around COVER SCREW (31). Oil container and funnel should also be thoroughly cleaned. Remove COVER SCREW (31) and COPPER WASHER (30). Pour clean hydraulic jack oil into reservoir until oil reaches top of hole. Replace COVER SCREW (31) and COPPER WASHER (30) and tighten securely to seal. CAUTION: Do not use hydraulic brake fluid; it gums seals and check valves.

3. HOW TO REMOVE HYDRAULIC UNIT NO. 2100: Open release and lower jack fully. Close release. Remove ROLL PIN (67) by driving it completely through LIFTING ARM (7). Turn jack upside down. Unlock SADDLE SPRINGS (62) from STUDS (55). Remove two PUMP SCREWS (41) and two PIVOT SCREWS (48). Remove unit from frame.

4. HOW TO REPLACE HYDRAULIC UNIT NO. 2100: Turn jack frame upside down. Place unit into frame making sure that top of RAM PISTON (64) is placed in LIFTING ARM (7) socket. Replace two PIVOT SCREWS (48) and two PUMP SCREWS (41). Connect SADDLE SPRINGS (62) to SPRING CLIP (61) and SPRING STUDS (55). Turn jack right side up. Drive in ROLL PIN (67) flush with surface of LIFTING ARM (7).

SERVICE FACILITIES

While your MILWAUKEE Model 20 Service Jack is designed and constructed to render long and dependable service, it may eventually require attention. Service is available through your Authorized Service Depot, your Local Distributor, or the Factory. It is recommended that you do not tamper with the internal mechanism of this Jack. Unwarranted damage may result. Factory tested Hydraulic Exchange Units are readily available, economical to exchange and simple to install.

WARRANTY

Milwaukee Hydraulic Products warrants products purchased hereunder to be free of defects in material and workmanship for a period of one (1) year from date of delivery to user. This warranty shall not apply in the event products are damaged as a result of misuse, abuse, neglect, accident, improper application, modification or repair by persons not authorized by Milwaukee Hydraulic Products, where products are damaged during shipment, or where the serial numbers on the products have been defaced, modified or removed.

Milwaukee Hydraulics Commitment To Customers

To assure our customers receive the highest quality, great care is exercised in the design of our products; skilled personnel maintain exacting specifications throughout manufacturing; and trained inspectors continuously check and test components.

Milwaukee Jacks are Built to Last.

HYDRAULIC PRODUCTS CORPORATION

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