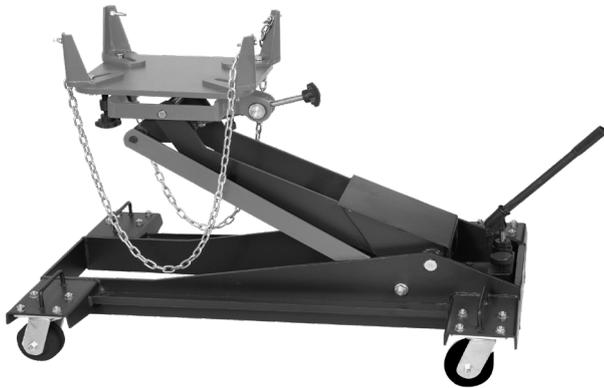


4,000 lb Low Profile Transmission Jack

Models: ASM3364



ASME HD



WARNING: Cancer and Reproductive Harm
www.p65Warnings.ca.gov

SPECIFICATIONS

Capacity: 4,000 lb
Min. Lifting Height: 8-1/4 in
Max. Lift Height: 37-3/8 in
Net Weight: 270.5 lb

WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

IMPORTANT SAFETY INFORMATION

1. Study, understand, and follow all instructions before operating this device.
2. Adequately support the vehicle before starting repairs.
3. Do not exceed rated capacity.
4. Use only on hard, level surface capable of supporting the load.
5. Before moving, lower the load to the lowest possible height.
6. Failure to heed these markings may result in personal injury and/or property damage.
7. Before moving the load, ensure that the load is centered and secured with a load-restraint device.
8. Only attachments and/or adapters supplied by the

- manufacturer shall be used.
9. No alterations shall be made to this product.
 10. Use of this product is limited to the removal, installation, and transportation in the lowered position, of transmissions, transfer cases, and transaxles.
 11. Do not adjust safety valve.
 12. Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
 13. Keep clear of load while lifting and lowering.
 14. Lower load slowly.
 15. Do not use for aircraft purposes.
 16. Inspect before every use; do not use if parts loose or damaged.
 17. The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors, which cannot be built into this product, but must be supplied by the operator.



WARNING



INSPECT BEFORE EACH USE

- Do not use if broken, bent, cracked, or damaged parts (including labels) are evident.
- If this product appears damaged in any way, operates abnormally or is missing parts, it needs to be removed from service immediately and the manufacturer notified.
- If you suspect that this product was subjected to a shock load (a load dropped suddenly or unexpectedly upon it), immediately discontinue use until it has been checked by a qualified person or factory authorized service center (contact distributor or manufacturer for list of Authorized Service Centers).
- It is recommended that an annual inspection be done by qualified personnel.
- Replace worn or damaged parts with Factory Authorized Replacement Parts only. Labels and owner's manuals are available from manufacturer.

BEFORE USE

When unpacking, check the parts diagram and part number listing to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

INTENDED USE

To safely lift and support a vehicle's transmission during removal and installation. Always secure the transmission with the provided chain before moving.

⚠️WARNING⚠️

DO NOT use for any purpose other than those outlined in this manual. **DO NOT** use jack around corrosive materials such as chlorides - commonly used by road crews to melt snow and ice. Water and slush from vehicles exposed to chlorides may enter jack cylinder, severely and permanently damaging interior of cylinder and causing air leaks which adversely affect lifting performance and safety.

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PREPARATION

BEFORE USE

1. Verify that the product and application are compatible.
2. Before use, read the operator's manual completely and familiarize yourself thoroughly with the product and its components, and recognize the potential hazards associated with its use. Know your jack and how it operates before attempting to use.
3. Refer to the exploded view drawing at the end of this manual to identify jack components.
4. Install the finger (#5) into the saddle plate (#4) mounting hole with the screw (#1), the washer (#2) and the wing nuts (#3).
5. Connect the finger (#5) and the chain (#7) together with the U-shaped bolt (#6).

CHECK THE JACK

1. Examine the jack for broken or damaged parts. Roll the jack to ensure that it rolls freely and smoothly.
2. Raise and lower the unloaded saddle throughout the lift range to ensure proper operation before placing any load on the product.
3. Replace worn or damaged components with factory replacement parts only. (See Parts List and Breakdown).
4. Lubricate as instructed in Maintenance section.

BLEEDING THE JACK OF AIR

1. Open the release valve by turning the handle two full turns counter clockwise.
2. Quickly pump the handle a minimum ten full strokes.
3. Close the release valve by turning the handle clockwise.
4. Pump the handle with full strokes to check if it can reach the maximum height.
5. If it can't reach the maximum height, repeat steps 1-4.
6. It may take several operations to get rid of all the air in the jack.

OPERATION

1. Lift the vehicle to the desired work height, and support the vehicle in accordance with the lift manufacturer's recommended lifting and support procedures.
2. Position the transmission jack directly under the transmission. Turn the release knob all the way in a clockwise direction until it stops. Pump the handle, and the saddle will start to rise. Raise the saddle to a height very close to the center of balance point of the transmission, but do not touch the transmission.
3. Loosen the four bolts that secure the four fingers to the saddle. The fingers and can be adjusted in and out to help position the transmission on the saddle. Now gently raise the saddle so it supports the transmission. Adjust the four fingers in position against the transmission, and tighten the bolts that secure the fingers to the saddle. Fore and aft saddle tilt adjustments and side to side adjustments are necessary to properly position the transmission on the saddle. These adjustments can be made by rotating the two knobs.
4. The chain should be pulled over the center of balance portion of the transmission and secured on the chain hooks.

5. Rotate the wing nuts to take up the slack in the chain secure the transmission to the saddle.
6. Remove the transmission from the engine according to instructions in the vehicle service manual. Once the transmission has been disconnected from the engine, slowly turn the jack's release knob in a counterclockwise direction to start to lower the transmission. Make sure the saddle and transmission do not hang up on any under vehicle components, wiring, fuel lines, etc. Continue to lower the jack all the way down.
7. Remember to secure the transmission to the saddle before installing, and follow the vehicle manufacturer's installation instructions.

NOTE: ALWAYS store the jack in the fully lowered position. This will protect critical areas from excessive corrosion.

MAINTENANCE

PREVENTATIVE MAINTENANCE

1. Always store the jack in a well protected area where it will not be exposed to inclement weather, corrosive vapors, abrasive dust, or any other harmful elements. The jack must be cleaned of water, snow, sand, grit, oil, grease or other foreign matter before using.
2. The jack must be lubricated periodically in order to prevent premature wearing of parts. A general purpose grease must be applied to all zerK grease fittings, caster wheels, elevator arm, handle base pivot bolts, release mechanism and all other bearing surfaces.
3. It should not be necessary to refill or top off the reservoir with hydraulic fluid unless there is an external leak. An external leak requires immediate repair which must be performed in a dirt-free environment by qualified hydraulic repair personnel who are familiar with this equipment.

IMPORTANT: In order to ensure proper operation and prevent seal damage or jack failure, use only clean, high quality jack oil such as Chevron AW ISO 32 or Unocal Unax AW150 or equivalent.

4. Every jack owner is responsible for keeping the jack labels clean and readable. Use a mild soap solution to wash external of the jack surfaces but not any moving hydraulic components. Contact Your distributor for a replacement label if your jack's label is unreadable.
5. Inspect the jack before each use. Do not use the jack if any component is cracked, broken, bent, shows sign of damage or leaks hydraulic fluid . Do not use the jack if it has loose or missing hardware or components, or is modified in any way. Take corrective action before using the jack again.
6. Do not attempt to make any hydraulic repairs unless you are a qualified hydraulic repair person that is familiar with this equipment. Repairs must be performed by an authorized service center.

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ASM HD

DECOMMISSIONING THE JACK

Should the jack become completely unserviceable and require disposal, drain oil into an approved container and dispose of the jack and oil in accordance with local regulations.

TROUBLESHOOTING

SYMPTOM: Unit will not lift rated load.

REMEDY: purge air from hydraulic system by following procedure under setup instructions.

SYMPTOM: Unit will not sustain rated load or feels "spongy" under rated load.

REMEDY: Purge air from hydraulic system as above.

SYMPTOM: Unit will not lift to full height.

REMEDY: Purge air from hydraulic system as above.

SYMPTOM: Handle tends to raise up while the unit is under rated load.

REMEDY: Pump the handle rapidly several times to push oil past ball valves in power unit.

SYMPTOM: Unit still does not operate.

REMEDY: Contact your place of purchase

1-YEAR LIMITED WARRANTY

AutoSport MFG warrants that AutoSport branded products are free from defects in workmanship and materials. We will repair or replace products that fail to give satisfactory service due to workmanship or materials.

The warranty for AutoSport branded products is ONE YEAR from the date of the original purchase. The proof of purchase must be available for any warranty consideration. Repair or replacement shall be at the sole direction of AutoSport MFG. AutoSport warranty is administered where the original purchase was made. AutoSport MFG will not provide any warranty for any product subjected to misuse, modification, unreasonable use, neglect, lack of maintenance or use after the unit is significantly worn.

CONTACT US

info@ASM-HD.com

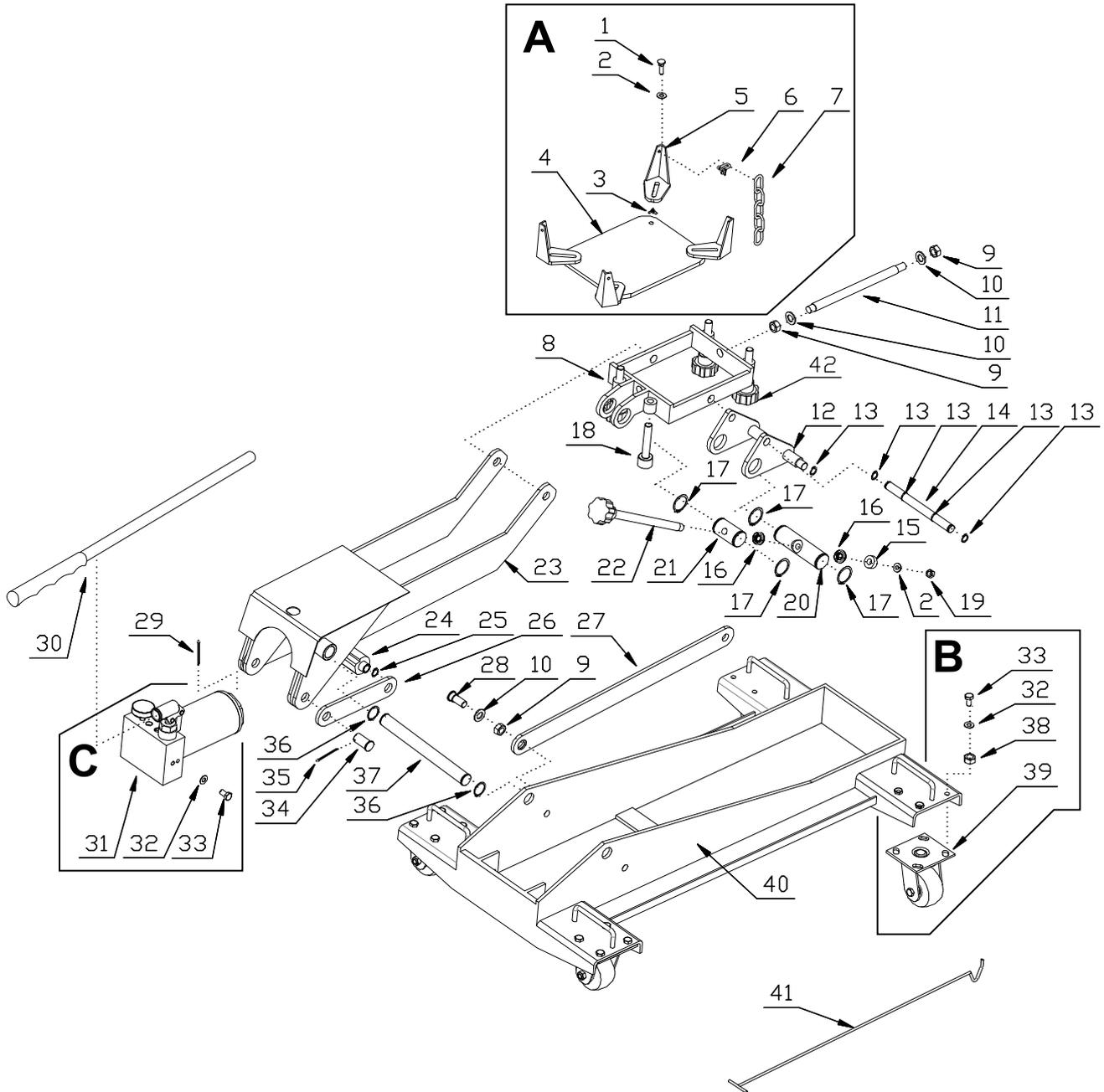
www.autosportmfg.com

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ORDERABLE REPAIR PARTS & KITS BREAKDOWN



Index No.	Ordering Part#	Description	Qty.
A	PRT3364-01	Saddle Assembly	1
B	PRT3364-02	Caster Assembly (1pc)	4
C	PRT3364-03	Pump Assembly	1
/	PRT3364-04	Pump Seal Kit	1