

5 & 10 Ton Long Chassis Floor Jacks with Fast To Load Feature



ASM HD

Models: ASM5524 / ASM5525P

ASM5524: 5 TON HYDRAULIC MODEL

ASM5525P: 10 TON AIR/HYDRAULIC MODEL

INTENDED USE:

Heavy duty, long chassis floor service jacks are designed for lifting but not supporting a load. It is necessary to support the load with appropriate means immediately after lifting.

These jacks include the “FTL” (Fast to Load) feature which means a minimal amount of pump strokes are required for the jack’s saddle to come in contact with the load.



| Model # | Description | Capacity | Min. Height | Max. Height | Handle Length | Net Weight |
|----------|---------------|----------------------|-------------|-------------|---------------|------------|
| ASM5524 | Hydraulic | 5 Ton | 5-7/8” | 25-9/16” | 42-5/8” | 184.6 lbs |
| ASM5525P | Air/Hydraulic | 10 Ton @ 110/120 psi | 6-5/16” | 25-9/16” | 42-5/8” | 255.2 lbs |

▲ WARNING

1. Study, understand, and follow all instructions before operating this jack. Jack owner is responsible to have the manual and all warnings understood by all non-speaking English users in their own native language.
2. Do not exceed rated capacity.
3. Use only on a hard, level surface capable of supporting the load.
4. Lift only on areas of the vehicle as specified by the vehicle manufacturer.
5. Support the vehicle with appropriate means immediately after lifting.
6. Do not move or dolly the vehicle while it is on the jack.
7. Do not use jack if damaged, altered, in poor condition, leaking hydraulic fluid or has loose or missing components. Repair or replace before using.
8. Only attachments and/or adapters supplied by the manufacturer shall be used.
9. Failure to heed these warnings may result in property damage, personal injury or death.

▲ WARNING

Cancer and reproductive harm – www.P65Warnings.ca.gov

SETUP:

Refer to parts breakdown drawings on the following pages to identify jack components.

1. Take the jack out of the wooden crate and remove the cover carton from the handle.
2. Pull the handle’s locking lever into position so it is disengaged.
3. Press down on the handle fork and remove the retaining hook to free the fork.

4. Install the handle in the handle fork making sure the T-portion of the handle is positioned left and right of the jack’s chassis.
5. Secure the handle in the handle fork by tightening the screw and nut with an 8mm Allen wrench and a 17mm wrench.
6. Remove the protective carton from the jack and engage the handle’s locking lever so the handle locks in any one of the three lock positions.
7. In order to activate the pump handle, disengage the handle locking lever and proceed to pump to make sure there is no air trapped in the jack’s hydraulic system due to shipping and handling. If the jack’s lift arm raises partially or abnormally, follow these directions to remove air from the hydraulic system:
 - A. Remove the cover plate and use a Phillips head screwdriver wrench to loosen the fill screw (A) on the pump assembly (#2).
 - B. Very lightly pump the handle while observing the oil in the reservoir. If you see bubbles while pumping, then the jack will need to be bled of air in the system. Continue to pump the handle gently until no more bubbles are seen in the reservoir (you may need to add a little more oil during this process to keep the oil level full).
 - C. Insert the oil fill screw back into the hole and then turn it clockwise until it is tight. Pump the jack with normal full strokes until the lift arm reaches its maximum height. Pull up on the release lever to lower the lift arm.
 - D. Replace cover plate.
8. On air/hydraulic model jacks, if necessary replace the male air quick disconnect with one that is commonly used in the work shop.

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OPERATING INSTRUCTIONS:

IMPORTANT: The “FTL” (Fast To Load) feature is intended to reduce the time required to raise the jack’s saddle to the designated lift point of the vehicle. The pump arc of the handle will determine how high the jack’s lift arm will raise. For example, a full incremental pump stroke of the handle will raise the jack’s lift arm higher than if it is a partial pump stroke. It is important to realize the importance of the jack’s saddle coming in contact with the designated vehicle lift point. Therefore, it might be necessary to make partial incremental pump strokes so the saddle is guaranteed to make contact with the intended vehicle lift point.

TO LIFT A VEHICLE:

1. Chock the vehicle wheels that will not be lifted off the ground. Turn the vehicle engine off and make sure that the vehicle transmission is in Park or in gear and then apply the emergency brake before lifting the vehicle.
2. Make sure of the vehicle’s designated lift point by referring to the vehicle’s owner’s manual or consulting the vehicle manufacturer.
3. Disengage the handle locking lever so the handle can be manually pumped or lock into available position so the air valve can be activated if it is an air/hydraulic model
4. Position the jack under the vehicle and pump the jack manually or by air so the jack’s saddle is close to the designated lift point. It may be necessary to maneuver the jack at this time to guarantee the jack’s saddle is centered with the vehicle’s lift point.
5. Once the saddle and lift point are properly aligned continue to operate the jack until its saddle makes contact with the load. Continue to lift the load to its desired work height and immediately place a pair of jack stands at support points under the vehicle. Raise the jack stand’s support columns as close to the vehicle support points as possible and make sure the columns are locked in position and the vehicle is not resting on the support columns’ saddle locating lugs.
6. Slowly lower the jack’s lift arm until the vehicle is supported by the jack stands. Make sure the setup is stable. If the setup does not appear stable, raise the vehicle higher so the stands can be readjusted and then repeat steps 1 through 5.
7. Lock the handle in any available position so it cannot be pumped.

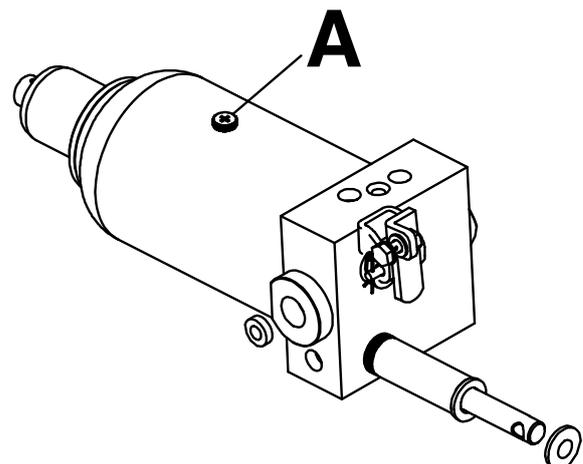
TO LOWER A VEHICLE:

1. Follow steps 1 through 4 above.
2. Once the saddle and lift point are properly aligned continue to operate the jack until the vehicle is lifted off the jack stand saddles.
3. Remove the jack stands from underneath the vehicle and lower the jack until it clears the vehicle and can be removed from underneath the vehicle.

MAINTENANCE:

The jack owner should develop a maintenance schedule based on the jack usage and shop environment.

1. The jack shall not be stored out in the open or exposed to inclement weather.
2. Any jack showing signs of rust or corrosion will not be eligible for warranty consideration.
3. The jack owner is responsible for keeping jack warnings legible and the owner’s manual in a common place for all users to see.
4. Inspect the jack before each use to make sure there are no loose or missing parts, no hydraulic leaks and the jack performs as expected. In any adverse conditions, immediately remove the jack from service until repaired.
5. The jack must be lubricated periodically at all external moving points, including lift arm, guide arms, wheels and caster wheels making sure they function as intended. Do not lubricate any external hydraulic components. Any jack components not properly lubricated will not be eligible for warranty consideration.
6. It should not be necessary to fill the jack’s reservoir with hydraulic fluid unless the jack has been reconditioned. Any jack having an external leak should be repaired at an authorized service center and then filled with a non-detergent 22 viscosity rating hydraulic jack oil.
7. Air bleeding after oil replacement or adding oil is necessary and the following instructions should be followed:
 - A. Remove the cover plate and use a Phillips head screwdriver to loosen the fill screw (A) on the pump assembly (#2).
 - B. Very lightly pump the handle while observing the oil in the reservoir. If you see bubbles while pumping, then the jack will need to be bled of air in the system. Continue to pump the handle gently until no more bubbles are seen in the reservoir (you may need to add a little more oil during this process to keep the oil level full).
 - C. Insert the oil fill screw back into the hole and then turn it clockwise until it is tight. Pump the jack with normal full strokes until the lift arm reaches its maximum height. Pull up on the release lever to lower the lift arm.
 - D. Replace cover plate.



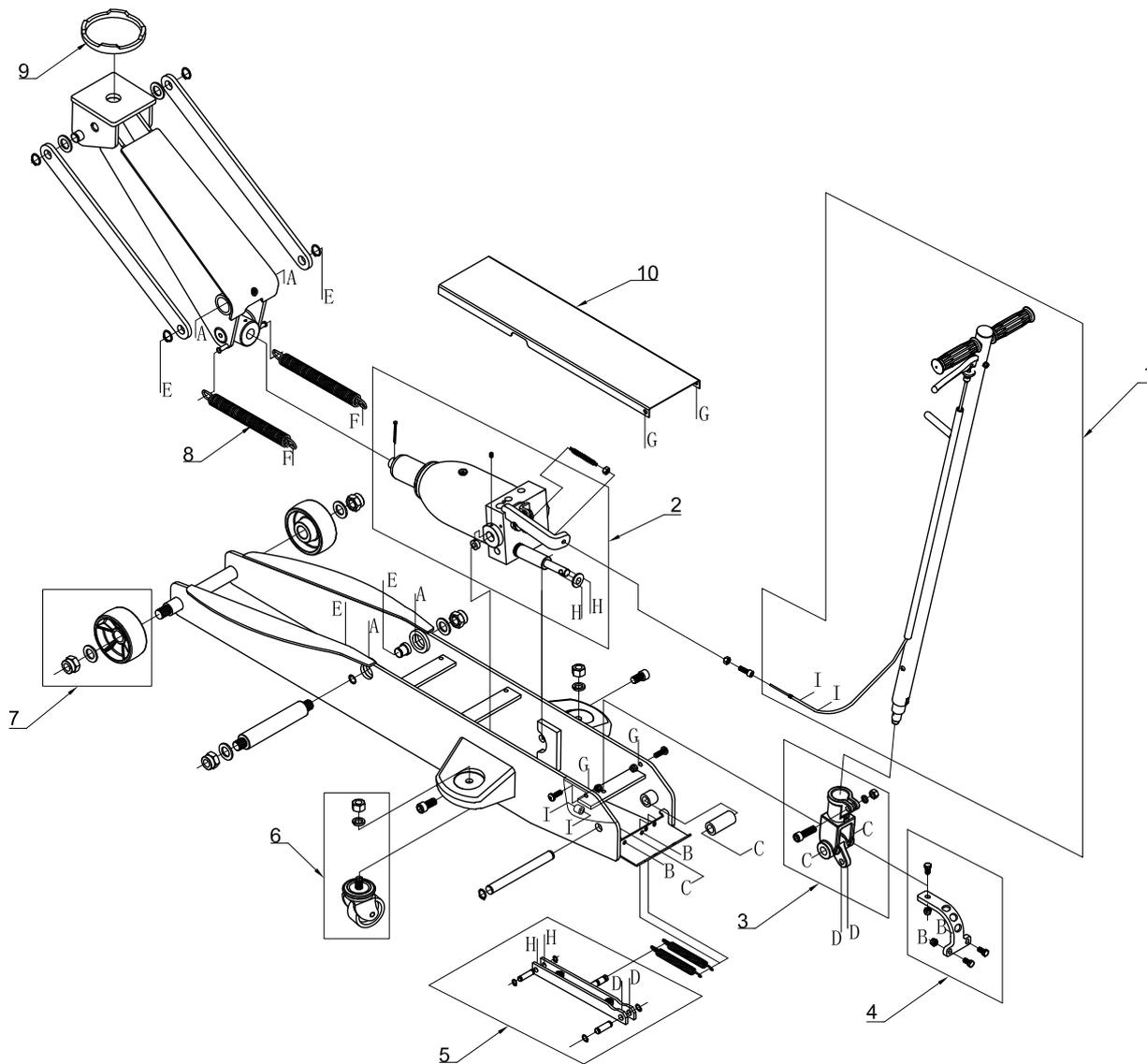
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ASM5524 PARTS LIST AND DRAWING



REPLACEMENT PARTS

| NO. | Ordering Part# | DESCRIPTION | QTY. |
|-----|----------------|------------------------------|------|
| 1 | PRT5524-01 | Handle Assembly | 1 |
| 2 | | Pump Assembly | 1 |
| 3 | | Handle Fork and Hardware | 1 |
| 4 | | Locking Plate and Hardware | 1 |
| 5 | PRT5524-05 | Pump Linkage and Hardware | 1 |
| 6 | PRT5524-06 | Caster Assembly and Hardware | 2 |
| 7 | PRT5524-07 | Wheel and Hardware | 2 |
| 8 | PRT5524-08 | Ram Retraction Spring | 2 |
| 9 | | Saddle | 1 |
| 10 | | Cover Plate | 1 |

Note: Some parts are shown in the parts list to make it easy to understand the assembly or use of the product. As such, they may not be available individually as replacement parts.

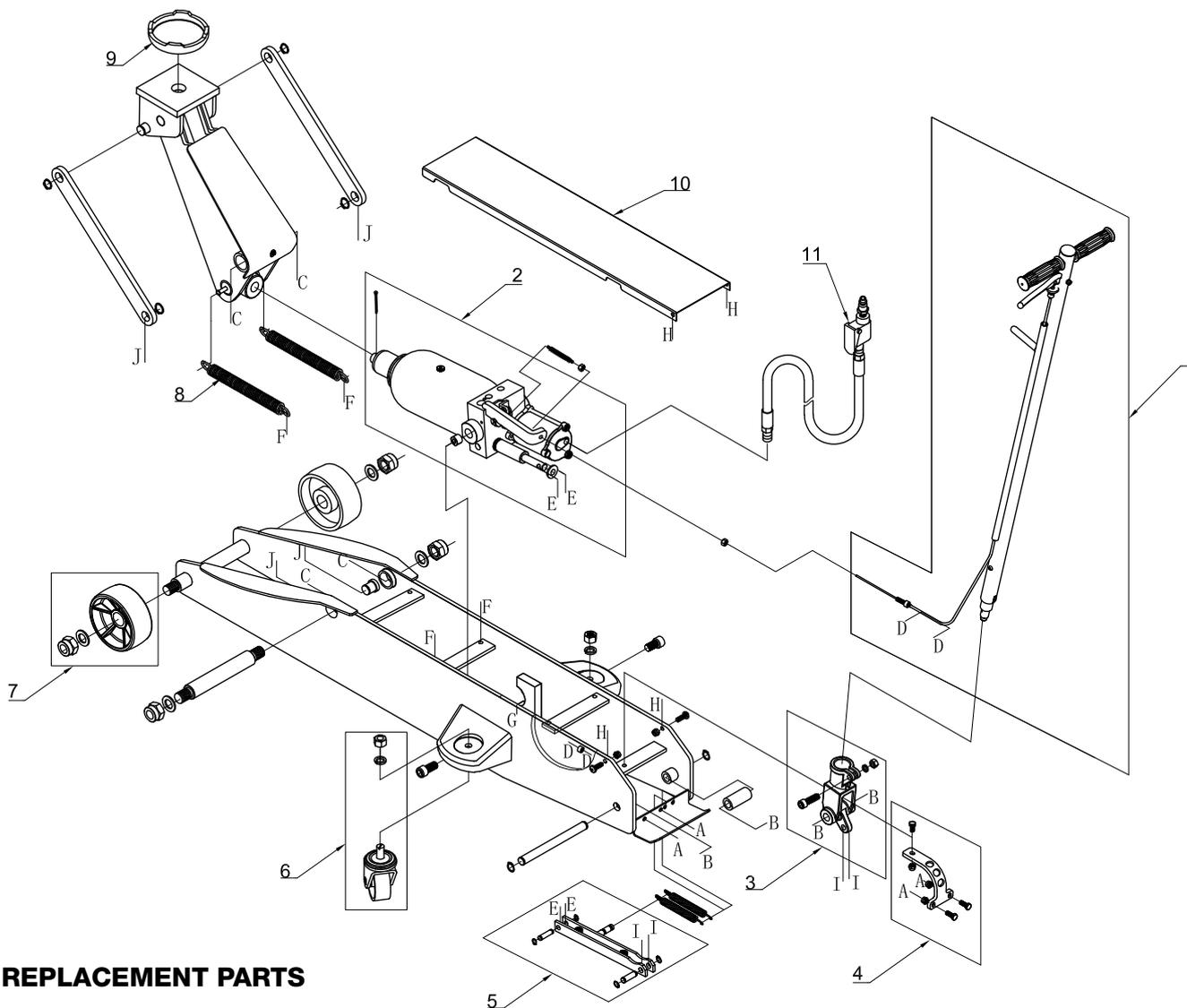
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ASM5525P PARTS LIST AND DRAWING



REPLACEMENT PARTS

| NO. | DESCRIPTION | QTY. |
|-----|------------------------------|------|
| 1 | Handle Assembly | 1 |
| 2 | Pump Assembly | 1 |
| 3 | Handle Fork and Hardware | 1 |
| 4 | Locking Plate and Hardware | 1 |
| 5 | Pump Linkage and Hardware | 1 |
| 6 | Caster Assembly and Hardware | 2 |
| 7 | Wheel and Hardware | 2 |
| 8 | Ram Retraction Spring | 2 |
| 9 | Saddle | 1 |
| 10 | Cover Plate | 1 |
| 11 | Air Hose and Valve Assembly | 1 |

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TROUBLESHOOTING

| Symptom | Possible Cause | Remedy |
|--|---------------------------------------|---|
| Will not lift or hold a load | Release valve is not seating | Check connection of valve from handle to pump assembly |
| | Air Trapped in hydraulic system | Follow step 7 under SETUP |
| | Load more than rated capacity of jack | Use larger capacity jack. System air pressure should be 110 to 120 psi |
| Will not lift to maximum height | Air trapped in hydraulic system | Follow step 7 under SETUP |
| | External hydraulic oil leak | Replace seals and add correct amount of oil |
| Will not lower all the way down without load | Mechanical restriction | Inspect for bent or deformed components and repair or replace accordingly |
| | No lubrication in movable parts | Fully lubricate all moving parts involving the action of the lift arm and associated linkages |

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 for ONE YEAR from the date of original purchase. Repair or replacement shall be at the sole discretion 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

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