TROUBLE SHOOTING

<table>
<thead>
<tr>
<th>TROUBLE</th>
<th>PROBABLE CAUSE</th>
<th>REMEDY</th>
</tr>
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<tr>
<td>Jack will not hold load.</td>
<td>Dirt on valve seats.</td>
<td>Lower the lifting arm, close the release valve and remove oil filler plug.</td>
</tr>
<tr>
<td>Jack will not lift load.</td>
<td>Air block.</td>
<td>Place one foot on a front wheel and pull up the lifting arm to its full height by hand.</td>
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<tr>
<td>Jack will not lift to its full height.</td>
<td>The reservoir could be overfilled.</td>
<td>Open the release valve and remove oil filler plug.</td>
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<td>Jack pump feels unsteady under load.</td>
<td>Low hydraulic oil level.</td>
<td>Check the oil level. Remove the filler plug. Top up oil to correct level.</td>
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<td>Jack will not lower completely.</td>
<td>The pump cup seal could be worn out.</td>
<td>Replace the cup seal with a new one.</td>
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<tr>
<td>Jack pump feels unsteady under load.</td>
<td>Air block.</td>
<td>Unit needs lubrication.</td>
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OPTIONAL ACCESSORIES

FOLDING AXLE STANDS - STOCK No.36524, PART No.FAS18

DECLARATION OF CONFORMITY


Declare under our sole responsibility that the product:

Stock Number: 59341
Part Number: TJ2B

Description: Trolley jack 2 tonne light duty


JOHN DRAPER
Managing Director
11/99

DECLARATION OF CONFORMITY


Declare under our sole responsibility that the product:

Stock Number: 59341
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CAUTION:
- Use only on a firm, level surface.
- Do not exceed the rated capacity of this jack.
- This is a lifting device only...do not work under the vehicle without proper support devices, such as axle stands.
- Make sure that the lifting point is stable and correctly centred on the jack saddle.
- Familiarize yourself thoroughly with this manual before operating to prevent damage to the jack, property, or personal injury.

SPECIFICATION FOR: Hydraulic Trolley Jack.
Capacity ................................................. 9.5kg nett
KNOW YOUR TROLLEY JACK
2. Release Valve.
5. Oil Filler Plug.
6. Reservoir.
7. Middle Spindle.
8. Frame.
10. Radius Link.
11. Saddle.
12. Lifting Arm.
13. Cover Plate.
15. Jack Handle.

BEFORE USE
1. If oil spillage is noted, check oil level, refer to maintenance section, paragraphs 3 and 4, on page 3.
2. Check to see that the release valve is opened. (Never more than two full turns), then insert the handle into handle sleeve and pump a couple of full strokes to purge any air from the system and evenly distribute the hydraulic oil.
3. Firmly lock release valve in a clockwise direction with the end of the jack handle.
4. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
5. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below in a regular basis.
3. After extensive use, the oil supply should be replaced to ensure longer equipment life. To drain, remove filler plug and release valve. Ensure that no dirt gets into the system. Refill with approved jack oil.*
4. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.
5. Check & service parts and periodically for signs of rust or corrosion. Clean exposed areas with a clean cloth.

*We recommend Shell Telus 22.

OPERATING INSTRUCTIONS
1. BEFORE POSITIONING THE JACK, YOU SHOULD ENSURE THE FOLLOWING:

IMPORTANT SAFETY TIPS
1. Vehicle should be clear of all passengers. Transmission should be in "Park" (or "Neutral" for automatic transmission) and the handbrake applied.
2. To prevent vehicles from moving, wheels should be securely blocked with wheel chocks (Draper Stock Nos.54500).

BEFORE USE
1. Fully lock release valve in a clockwise direction with the end of the jack handle.
2. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned.
3. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
4. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
5. ALWAYS USE AXLE STANDS (Draper Stock Nos.47421 or 38224).
6. To lower load, slowly turn the release valve anticlockwise two full turns with the end of the jack handle.

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below in a regular basis.
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3. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
4. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
5. ALWAYS USE AXLE STANDS (Draper Stock Nos.47421 or 38224).
6. To lower load, slowly turn the release valve anticlockwise two full turns with the end of the jack handle.

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
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4. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.

*We recommend Shell Telus 22.

OPERATING INSTRUCTIONS
1. BEFORE POSITIONING THE JACK, YOU SHOULD ENSURE THE FOLLOWING:

CAUTION:
- Use only on a firm, level surface.
- Do not exceed the rated capacity of this jack.
- This is a lifting device only...do not work under the vehicle without proper support devices, such as axle stands.
- Make sure that the lifting point is stable and correctly centred on the jack saddle.
- Familiarize yourself thoroughly with this manual before operating to prevent damage to the jack, property, or personal injury.

SPECIFICATION FOR: Hydraulic Trolley Jack.
Capacity ................................................. 9.5kg nett
KNOW YOUR TROLLEY JACK
2. Release Valve.
5. Oil Filler Plug.
6. Reservoir.
7. Middle Spindle.
8. Frame.
10. Radius Link.
11. Saddle.
12. Lifting Arm.
13. Cover Plate.
15. Jack Handle.

BEFORE USE
1. If oil spillage is noted, check oil level, refer to maintenance section, paragraphs 3 and 4, on page 3.
2. Check to see that the release valve is opened. (Never more than two full turns), then insert the handle into handle sleeve and pump a couple of full strokes to purge any air from the system and evenly distribute the hydraulic oil.
3. Firmly lock release valve in a clockwise direction with the end of the jack handle.
4. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
5. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below in a regular basis.
3. After extensive use, the oil supply should be replaced to ensure longer equipment life. To drain, remove filler plug and release valve. Ensure that no dirt gets into the system. Refill with approved jack oil.*
4. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.

*We recommend Shell Telus 22.

OPERATING INSTRUCTIONS
1. BEFORE POSITIONING THE JACK, YOU SHOULD ENSURE THE FOLLOWING:

BEFORE USE
1. Fully lock release valve in a clockwise direction with the end of the jack handle.
2. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned.
3. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
4. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
5. ALWAYS USE AXLE STANDS (Draper Stock Nos.47421 or 38224).
6. To lower load, slowly turn the release valve anticlockwise two full turns with the end of the jack handle.

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below in a regular basis.
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OPERATING INSTRUCTIONS
1. BEFORE POSITIONING THE JACK, YOU SHOULD ENSURE THE FOLLOWING:

BEFORE USE
1. Fully lock release valve in a clockwise direction with the end of the jack handle.
2. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned.
3. To prevent damage to the jack, or the vehicle, NEVER MOVE THE JACK WITH THE HANDLE ON THE RELEASE VALVE.
4. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
5. ALWAYS USE AXLE STANDS (Draper Stock Nos.47421 or 38224).
6. To lower load, slowly turn the release valve anticlockwise two full turns with the end of the jack handle.

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below in a regular basis.
3. After extensive use, the oil supply should be replaced to ensure longer equipment life. To drain, remove filler plug and release valve. Ensure that no dirt gets into the system. Refill with approved jack oil.*
4. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.

*We recommend Shell Telus 22.
CAUTION:
• Use only on a firm, level surface.
• Do not exceed the rated capacity of this jack.
• This is a lifting device only...do not work under the vehicle without proper support devices, such as axle stands.
• Make sure that the lifting point is stable and correctly centred on the jack saddle.
• Familiarize yourself thoroughly with this manual before operating to prevent damage to the jack, property, or personal injury.

SPECIFICATION FOR: Hydraulic Trolley Jack.
Capacity ..............................................................................................................9.5kg nett
KNOW YOUR TROLLEY JACK
2. Release Valve.
5. Oil Filler Plug.
6. Reservoir.
7. Middle Spindle.
8. Frame.
10. Radius Link.
11. Saddle.
12. Lifting Arm.
13. Cover Plate.
15. Jack Handle.

BEFORE USE
1. If oil spillage is noted, check oil level, refer to maintenance section, paragraphs 3 and 4, on page 3.
2. Check to see that the release valve is opened. (Never more than two full turns), then insert the handle into handle sleeve and pump a couple of full strokes to purge any air from the system and evenly distribute the hydraulic oil.
3. Firmly lock release valve in a clockwise direction with the end of the jack handle.
4. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned.
5. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
6. ALWAYS USE AXLE STANDS (Draper Stock Nos.54721 or 36524).
7. To lower load, slowly turn the release valve anticlockwise two full turns with the end of the jack handle.
8. Your jack was filled at the factory with high grade hydraulic oil. Only use approved Jack Oil*.

OPERATING INSTRUCTIONS
1. Before positioning the jack, you should ensure the following:
   A. Vehicle should be clear of all passengers. Transmission should be in gear (or 'Park' for automatic vehicles) and the handbrake applied.
   B. To prevent vehicle from movement, wheels should be securely blocked with wheel chocks (Draper Stock No.54500).

CARE AND MAINTENANCE
1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below on a regular basis.
3. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.

LUBRICATION POINTS

IMPORTANT SAFETY TIPS
1. CHECK YOUR TROLLEY JACK

- 3 -
**CAUTION:**

- Use only on a firm, level surface.
- Do not exceed the rated capacity of this jack.
- Make sure that the lifting point is stable and correctly centered on the jack saddle.
- Familiarize yourself thoroughly with this manual before operating to prevent damage to the jack, property, or personal injury.

**SPECIFICATION FOR:** Hydraulic Trolley Jack.

- **Capacity:** 9.5 kg nett

**KNOW YOUR TROLLEY JACK**

- Cylinder Pump
- Release Valve
- Base
- Castor
- Oil Filler Plug
- Reservoir
- Middle Spindle
- Frame
- Front Wheel
- Radius Link
- Saddle
- Lifting Arm
- Cover Plate
- Handle Sleeve
- Jack Handle

**BEFORE USE**

1. If oil spillage is noted, check oil level, refer to maintenance section, paragraphs 3 and 4, on page 3.
2. Check to see that the release valve is opened. (Never more than two full turns), then insert the handle into handle sleeve and pump a couple of full strokes to purge any air from the system and evenly distribute the hydraulic oil.
3. Firmly lock release valve in a clockwise direction with the end of the jack handle.
4. Place the handle in the sleeve to position the jack under the lifting point. Check that the saddle is correctly positioned.
5. To raise load, insert handle into handle sleeve and pump up and down fully, until the desired height is reached.
6. ALWAYS USE AXLE STANDS (Draper Stock Nos. 54721 or 36524).
7. To lower load, slowly turn the release valve anticlockwise two full turns with the end of the jack handle.

**OPERATING INSTRUCTIONS**

- Adhere to the lifting height specified on the jack for the vehicle being lifted.
- Use only jack in the upright position.
- Ensure jack is fully level and stable on the lifting arm.
- Only one jack should be used on a single axle or leaf spring assembly.
- Never move the jack with the handle on the release valve.
- Always check the oil level before use.
- The jack should only be used on firm, level ground.
- Ensure the transmission is in gear (or ‘Park’ for automatic transmissions).
- Ensure the handbrake is applied.

**CARE AND MAINTENANCE**

1. When the jack is not in use, the lifting arm and handle sleeve should be kept in the fully down position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below.
3. After extensive use, the oil supply should be replaced to ensure longer equipment life. To drain, remove filler plug and release valve. Refill with approved jack oil, as paragraph 3.
4. Check for signs of rust or corrosion. Clean exposed area with a clean oiled cloth.

**IMPORTANT SAFETY TIPS**

1. Before positioning the jack, you should ensure the following:
   - The vehicle should be clear of all passengers.
   - Transmission should be in gear (or ‘Park’ for automatic transmissions).
   - The jack should be on a firm, level surface.
2. To prevent movement, wheels should be securely blocked with wheel chocks (Draper Stock No. 54500).

*We recommend Shell Telus 22.
### TROUBLE SHOOTING

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<td>Jack will not hold load.</td>
<td>Dirt on valve seats.</td>
<td>(1) Clean the lifting area with a clean cloth. (2) Blow air into the valve seats.</td>
</tr>
<tr>
<td>Jack will not lift load.</td>
<td>Air block.</td>
<td>(1) Open the release valve and remove oil filler plug.</td>
</tr>
<tr>
<td>Jack will not lift to its full height.</td>
<td>The reservoir could be overfilled.</td>
<td>(1) Drain the liquid out.</td>
</tr>
<tr>
<td>Jack pump feels unsteady under load.</td>
<td>Low hydraulic oil level.</td>
<td>(1) Check the oil level. (2) Pour top up oil to correct level.</td>
</tr>
<tr>
<td>Jack will not lower completely.</td>
<td>The pump cup seal could be worn out.</td>
<td>(1) Replace the cup seal with a new one.</td>
</tr>
<tr>
<td>Jack will not lift to its full height.</td>
<td>Air block.</td>
<td>(1) Open the release valve and remove oil filler plug.</td>
</tr>
<tr>
<td>Jack pump feels unsteady under load.</td>
<td>Unit needs lubrication.</td>
<td>(1) Replace the fluid seal with a new one.</td>
</tr>
<tr>
<td>Jack will not lower completely.</td>
<td>No brake.</td>
<td>(1) Check the oil level. (2) Pour top up oil to correct level.</td>
</tr>
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</table>

### IMPORTANT SAFETY TIPS cont’d

2. **CORRECT POSITIONING:**
   - The jack should be positioned (normally under the suspension near appropriate front or rear wheels). Make these joints accessible for easy installation. Failure to do so may result in injury or damage to the vehicle manufacturer's handbook.

3. **TERRAIN:**
   - The jack should be operated on a hard and level surface as the location will permit.

4. **NEVER EXCEED THE JACK’S RATED CAPACITY.**

5. **WORKING UNDER THE VEHICLE:**
   - It is extremely important, when working under the vehicle, to ensure axle stands are always used.
**TROUBLE SHOOTING**

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<td>Top up oil to correct level.</td>
</tr>
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<td>Jack will not lower completely.</td>
<td>The pump cup seal could be worn out.</td>
<td>Replace cup seal.</td>
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</table>

**OPTIONAL ACCESSORIES**

**FOOLDING AXLE STANDS**
- Stock No. 36524, Part No. FAS18

**DECLARATION OF CONFORMITY**


Declare under our sole responsibility that the product:
- Stock Number: 59341
- Part Number: TJ2B
- Description: Trolley jack 2 tonne light duty

To which this declaration relates is in conformity with the following directive(s) 98/37/EEC with reference to:

JOHN DRAPER
Managing Director
11/99

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