Service Bulletin
WRSPUDF Ride-On Roller Screeds
LPG Hose Replacement

<table>
<thead>
<tr>
<th>Product Group:</th>
<th>Date Issued:</th>
<th>Service Bulletin No.</th>
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<tr>
<td>Screed</td>
<td>1/06/17</td>
<td>CS20161214</td>
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**Bulletin Type**

- ☑️ Mandatory
- ___ Information Only
- ___ Recommended Change

**Models/Series Affected:**

WRSPUDF
S/N SA1800541 — RJ1800564

**Details**

Replace original LPG hoses with UL listed hose assemblies.

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**Parts Information**

**Table 1. WRSPUDF LPG Hose Service Kit**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Part No.</th>
<th>Description</th>
<th>QTY.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>1</td>
<td>32829-SK</td>
<td>Service Kit, LPG Hose, WRSPUDF</td>
<td>1</td>
<td>Includes Items 2-9</td>
</tr>
<tr>
<td>2</td>
<td>32831</td>
<td>Loctite® 567™, 6ML</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>32832</td>
<td>Fitting, Strap. -4FJ X-4FP</td>
<td>1</td>
<td>Not Used</td>
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<tr>
<td>4</td>
<td>32833</td>
<td>Fitting, 90°-4MJ X-4MBSPT</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>32834</td>
<td>Clamp, Stepless Ear-20MM</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>46301</td>
<td>Hose Assy, 1/4&quot;ID LPG X 18.5&quot;, 1/4MP X -4FJ</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>46302</td>
<td>Hose Assy, 1/4&quot; ID LPG X 26&quot;, 2X 1/4&quot; MP</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>60072</td>
<td>Hose, Fuel Ø.50 Low Perm 35 PSI</td>
<td>1</td>
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<tr>
<td>9</td>
<td>366640</td>
<td>Fitting, 90° 4MJ-4FJ</td>
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</table>

![Figure 1. Kit, LPG Hose, WRSPUDF](image-url)
WORK SAFELY!

Only a qualified service technician with proper training should perform this installation. Follow all shop safety rules when performing this installation.

PREPARATION

1. Make sure screed is turned off and engine is cool.
2. Place the screed in an area free of dirt and debris. Make sure it is on secure level ground with chock blocks underneath each wheel to prevent the screed from rolling.

REQUIRED TOOLS

- Ratchet Set
- Chock Blocks
- 13mm, 9/16", 5/8", 3/4", 30mm Open-End Wrenches
- Flat Screwdriver
- Crimping Tool

LPG TANK SAFETY

⚠️ DANGER

- DO NOT smoke around or near the equipment. Fire or explosion could result from gas vapors.
- Accumulation of LP gas vapors may result in the development of an oxygen-deficient atmosphere which carries a risk of asphyxiation.
- NEVER enter a gas cloud area. This condition produces an oxygen-deficient atmosphere that could be fatal.

⚠️ CAUTION

- ALWAYS use protective gloves when handling LPG tank. LP gas will cause cold burns if it comes into contact with the skin.
- The eyes and body must be protected when handling all LP gas products. ALWAYS wear protective eye safety glasses and clothing.

BATTERY SAFETY

⚠️ DANGER

- DO NOT expose the battery to open flames, sparks, cigarettes, etc. The battery contains combustible gases and liquids. If these gases and liquids come into contact with a flame or spark, an explosion could occur.

- ALWAYS disconnect the NEGATIVE battery terminal before performing service on the equipment.
- ALWAYS keep battery cables in good working condition. Repair or replace all worn cables.

BATTERY DISCONNECTION

1. Disconnect negative cable (BLACK) from the negative terminal on the battery. See Figure 2 for battery location.

LPG TANK REMOVAL

1. CLOSE shutoff valve on LPG tank and disconnect LPG tank connector from LPG tank fill port (Figure 3).
2. Release LPG tank strap latches (Figure 4). Push LPG tank backward and lift upward to remove.

**Figure 4. LPG Tank Removal**

**REPLACING THE LPG HOSES**

1. Remove bolt that secures side access panel (Figure 5) to frame, and set aside.

**Figure 5. Side Access Panel Bolt Removal**

2. Remove side access panel (Figure 6) and set aside.

**Figure 6. Side Access Panel Removal**

3. Locate the regulator (Figure 7).

**Figure 7. Regulator Location**

4. Loosen the two worm clamps (Figure 8) that secure the hose connected between the regulator and carburetor. Discard hose and worm clamps.

**Figure 8. Loosen Hose Clamps**
5. Attach stepless clamp (P/N 32834) to each end of new fuel hose (P/N 60072). Reference Figure 9.

6. Attach one end of new fuel hose (P/N 60072) to the regulator port (Figure 10), and attach the other end to the carburetor intake port (Figure 11). Crimp both stepless clamps to secure hose.

7. Remove LPG tank connector from LPG line hose (Figure 12), and set aside.
8. Remove 90° hose fitting (Figure 13) at the base of the regulator, and discard.

![Figure 13. 90° Fitting Removal](image)

9. Remove the HHFS screw that secures the safety lock-off valve (Figure 14) to the frame, and set aside.

![Figure 14. Safety Lock-Off Valve Screw Removal](image)

10. Unplug electrical connectors and remove safety lock-off valve as an assembly (Figure 15).

![Figure 15. Safety Lock-Off Valve Removal](image)

11. Remove both hoses from safety lock-off valve assembly (Figure 16). Discard hoses.

![Figure 16. Hose Removal](image)
12. Apply Loctite® 567™ to the threads on either end of the new, long hose (P/N 46302), and to the male threads on the new, short hose (P/N 46301). Reference Figure 17.

13. Connect the longer hose (P/N 46302) to the bulkhead side of the safety lock-off valve assembly (Figure 18), and tighten securely.

14. Connect the shorter hose (P/N 46301) to the solenoid side of the safety lock-off valve assembly (Figure 19), and tighten securely.

15. Reinstall safety lock-off valve assembly (Figure 20) in its original location. Secure valve assembly to frame with mounting hardware that was removed earlier, and tighten securely.

16. Reconnect electrical connectors, and use zip-ties to fasten harness securely.
17. Remove straight fitting (Figure 21) at the base of the regulator, and discard.

18. Apply Loctite® 567™ to the MBSPT threads (Figure 22) on the 90° fitting (P/N 32833).

19. Insert 90° fitting (P/N 32833) into regulator port (Figure 23). Do not tighten securely at this time.

20. Insert male end of 90° fitting (P/N 366640) into short hose (P/N 46301) female straight fitting and tighten securely. Reference Figure 24.

21. Turn 90° fitting (P/N 32833) on the regulator for proper alignment, then connect to hose (P/N 46301) with 90° fitting (P/N 366640) as shown in Figure 25. Tighten both fittings securely.
22. Apply Loctite® 567™ to the male threads (Figure 26) on the free end of the long hose (P/N 46302).

![Figure 26. Applying Loctite® 567™ (LPG Tank Connector Side)](image)

23. Connect LPG tank connector to long hose (P/N 46302), and tighten securely (Figure 27).

![Figure 27. Install LPG Tank Connector](image)

24. Reconnect LPG tank, open valve, and check for leaks.

25. Reconnect battery, start engine, and check for leaks from regulator to carburetor.

26. Reinstall side access panel.
HERE'S HOW TO GET HELP
PLEASE HAVE THE MODEL AND SERIAL NUMBER ON-HAND WHEN CALLING

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