



An Oshkosh Corporation Company

AWP Hood Repair

Repair Procedure

The purpose of this instruction is to repair hoods in the field where the bond on the frame puck has broken away from the ABS hood.

It is recommended that you read and thoroughly understand these instructions before starting this procedure.

NOTICE

Use all applicable Safety precautions while working on, around or under any machinery.

Models Affected:

- JLG manufactured AWP's utilizing metal to ABS bonding methods

Options/Accessories Prohibited When Installing This Kit:

- None

Tools & Equipment Required:

- Standard mechanics tools
- Cordless Drill
- 1/4" (6mm) Drill bit
- 1/2" (12.5mm) Drill bit

Personnel Required:

- Qualified JLG equipment mechanic

Parts List:

Item	Part Number	Description	Qty
1	Not Supplied	Minimum 80 Grit Sandpaper/ Grinder	A/R
2	Not Supplied	Loctite - Epoxy Plastic Bonder (or 3M DP805)	A/R
3	Not Supplied	Loctite - 262 Threadlocker	A/R
Boom Lift with 4-Hole Style Pucks:			
4	Not Supplied	Nut, 1/4-20 (metric alternate: M6 x 1) (Low Profile Nylock can be used)	4
5	Not Supplied	Bolt, 1/4-20 x .75" Pan Head (metric alternate: M6 x 1 x 20mm)	4
6	Not Supplied	Washer, 1/4"	4
RT Lift with 2-Hole Style Pucks:			
4	Not Supplied	Nut, 3/8-16 (metric alternate: M10 x 1.5) (Low Profile Nylock can be used)	2
5	Not Supplied	Bolt, 3/8-16 x .75" Pan Head (metric alternate: M10 x 1.5 x 20mm)	2
6	Not Supplied	Washer, 3/8"	2



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Procedure:

1. Grind all adhesive from black metal mounting puck on backside and around holes on top side per Figure 1.



Figure 1

2. Locate metal mounting puck inside hood and through drill using a 1/4" drill bit (6mm) per Figure 2.



Figure 2

3. Sand ABS with 80 grit where the puck will be bonded per Figure 3.



Figure 3

4. Apply Epoxy Plastic Bonder to metal puck.
5. Use Items 3, 4, 5, and 6 to hold metal puck in place while adhesive is curing. Apply a very small amount of Loctite threadlocker to the screw after installing it through the ABS, taking care to keep the threadlocker off the ABS substrate. Torque bolts to 3-5ft-lbs (4-6.5 N-M) per Figure 5.



Figure 4

6. Wait 18 minutes
7. Reinstall metal frame - Tighten the 3/8 factory bolt to 5-7 ft.lbs (7-10 Nm) per Figure 5.



Figure 5