

PARTS & SERVICE NEWS

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SUBJECT: UPGRADE BRAKE PRESSURE SWITCHES

PURPOSE: Provide procedure to install switches to existing harness.

APPLICATION: GD530AW-1 Graders Serial Number 200840 thru 201999
 GD650AW-1 Graders Serial Number 200840 thru 201999
 GD670AW-1 Graders Serial Number 200840 thru 201999
 GD530AW-2 Graders Serial Number 202002 thru 202843
 GD650AW-2 Graders Serial Number 202002 thru 202843
 GD670AW-2 Graders Serial Number 202002 thru 202843
 830 Graders Serial Number 100496 thru 202843
 850 Graders Serial Number 100477 thru 202843
 870 Graders Serial Number 100481 thru 202843

DESCRIPTION:

Introduction:

Brake pressure switch failure is indicated when brake lights fail to come on or on AWD units the AWD does not disengage after applying brakes.

Brake Pressure Switch, 114351, has been replaced on the above listed grader by 1436592H1. This switch had screw terminals and is replaced by a switch with Packard Weatherpack connector. This **PARTS & SERVICE NEWS** presents the procedure for replacing the ring terminals in the wiring harness with the mating Packard Weatherpack connector.

The following parts will be needed for switch replacement:

Part Number	Qty.	Description
1209473H1	1	Shroud, Female
1209463H1	2	Pin, Male
1209477H1	2	Seal, Cable

1. Disconnect battery ground cable before disconnecting wires from switch terminals.
2. Remove existing 114951 Brake Pressure Switch (1) and 68842 adaptor (2). (AWD units will have two switches.)
3. Install new 1436592H1 Brake Pressure Switch (3).
4. Remove ring terminals from harness wires; strip ¼" insulation from wires.

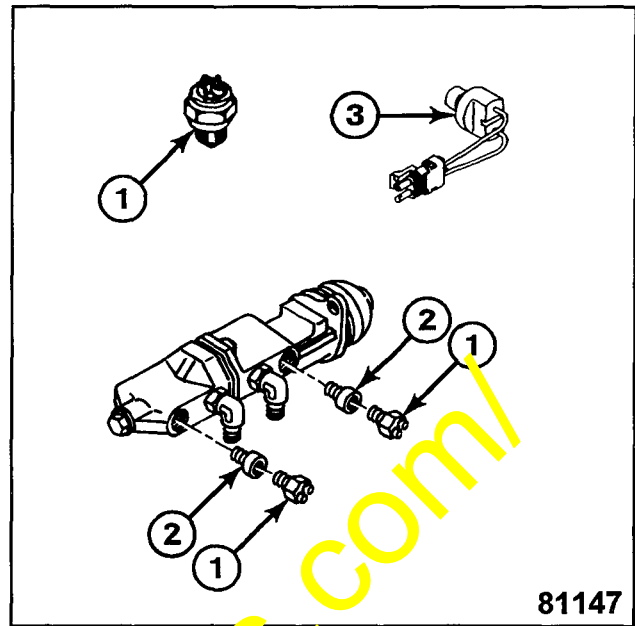


Figure 1

5. Place 1209477H1 seal (1, Figure 2) on end of insulation. Use Packard Weatherpack crimper to apply 1209465H1 pin (2) to wire.
6. Push pin into 1209473H1 shroud (3) from the rear until locked in place.
7. Firmly seat seals (1) using Packard cable seal insert tool and close rear of shroud (4) locking into place.

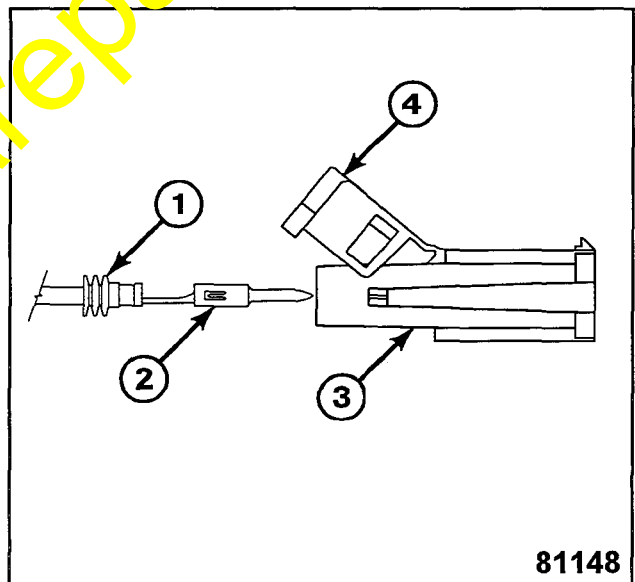


Figure 2

8. Apply 1434023H1 Lubriplate to all terminals and fill female connectors $\frac{1}{2}$ full.
9. After installing new switches, connect switch connector to new connector on harness; reconnect battery ground cable.

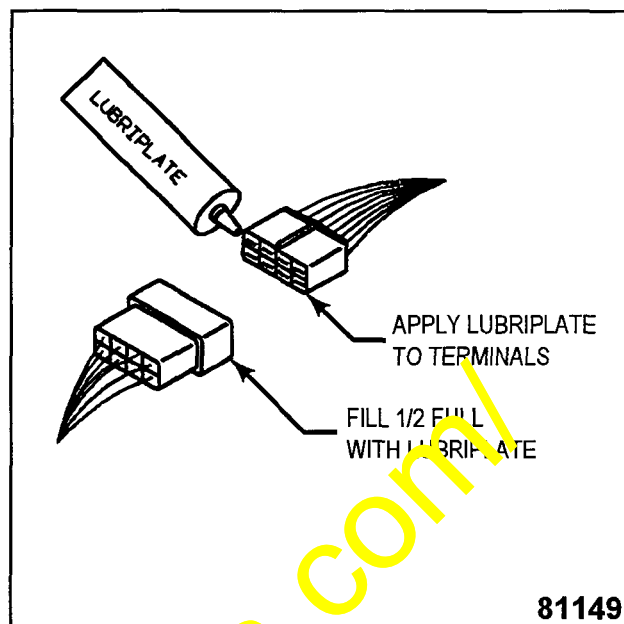


Figure 3

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