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Warranty Bulletin

DATE: April 1994 SECTION: 06

SUBJECT: ANTI-LOCK BRAKE SYSTEM WARNING LIGHT

Models	VINs
"XL" 40' coach equipped with Third generation of ABS brake	2P9L33401R1001827 only
"XL" 40' converted vehicle equipped with Third generation of ABS brake	2P9M33400R1001774 and 2PM33409R1001868
"XL" 45' converted vehicle (Entertainer model) equipped with Third generation of ABS brake	2P9E3349XP1001751 and 2P9E33499P1001756
"XL" 45' converted vehicle equipped with Third generation of ABS brake	2P9M33498P1001646 plus 2P9M33493R1001797 up to 2P9M33493R1001881 incl.

DESCRIPTION

The ABS warning light mounted in dashboard is designed to comes on when the ignition switch is activated and goes out when the speed of the vehicle reaches approximately 4 mph (6 km/h). A warning light that remains lit or comes on at any other time during vehicle operation signals a failure in the ABS. On the above-mentioned vehicles, it is possible that warning light remains lit or comes on without failure in the ABS. To correct this situation, we recommend you to perform the following modification.

MATERIAL

Part No	Description	Qty
56-0081	Ring terminal #5-6 (#22-16 AWG)	2
56-0330	3 position toggle switch	1
06-3890	Sticker	1
56-1567	Male contact pin	1
56-1565	Seal	1
56-1258	Red wire #18 (AWG)	3' (91cm)
50-4012	Cable tie 3/16" x 6 3/4"	5

Note: Material can be obtained through regular channels.

PROCEDURE

Warning: Park vehicle safely, apply parking brake, stop engine and set battery master switches to the "OFF" position prior to working on the vehicle.

1. Open front service compartment door then locate the toggle switch for the ABS mounted in the upper left corner.

Note: The switch is fixed on the Electronic Control Unit (E.C.U.) for the ABS. The latter is fastened under coach floor.

- 2. Unscrew and remove the toggle switch, disconnect wires at back then discard switch.
- **3.** Connect wires #900, #155, #0Y (disconnected at previously step) on the new three position toggle switch #56-0330 as illustrated in figure 1.

- **4.** Trace wiring harness connected in the E.C.U. for the ABS up to the 2 pin connector C-249. Remove cable ties retaining wiring harness then disconnect connector C-249.
- **5.** Remove red wire #901 from "B" position in connector C-249.

Caution: Do not remove the yellow wire #901.

- **6.** Cut red wire #901 near male contact pin, discard pin, then route wire up to the new three position toggle switch. To obtain a sufficient length of wire #901, remove electric tape retaining wiring harness or identify wire #901 where not covered with electric tape then sufficiently pull on it until it comes out from harness.
- **7.** Strip extremity of red wire #901, crimp a ring terminal #56-0081 then connect it to the new three position toggle switch as illustrated in figure 1.
- 8. Take a new red wire #18 AWG (#56-1258), slide a seal #56-1565 (multi-ribbed end first) on wire

then strip wire extremity.

9. Crimp a male contact pin #56-1567 with seal correctly positioned on wire. If necessary, refer to figure 2 to ensure that seal is correctly positioned.

Note: The contact pin end must be crimped on seal without rib.

- 10. Insert contact pin of new wire in "B" position of connector C-249.
- **11.** Route other extremity of wire up to the three position toggle switch. Strip wire extremity then crimp a ring terminal #56-0081.
- **12.** Connect wire to switch as illustrated in figure 1.
- **13.** Affix new sticker #06-3890 over the existing one then install switch.
- **14.** Reconnect the connector C-249, then fasten wiring harness using cable ties.
- **15.** Set toggle switch to the **"NORMAL"** position, then close front service compartment door.

Caution: When vehicle is running, the switch must always be selected in the **"NORMAL"** position. The "BLINKER" position must only be used when reading the blink code light while the "MPSI" position must only be used when using a scanner.

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and half an hour (0.5) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 94-05".

Expiration date: April 1995