Warranty Bulletin

SECTION: 18

### **DATE:** May 1994

SUBJECT: SEDAN-TYPE ENTRANCE DOOR LOCKING SYSTEM MODIFICATIONS

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### **APPLICATION:**

Models	VINs
H3-40 coaches equipped with sedan-type entrance doors	From 2P9H33406N1001192 to 2P9H33409R1001399inclusively, except for2P9H33404N1001224,2P9H33403N1001229,2P9H3340XN1001230,2P9H33406P1001261,2P9H33408P1001262,2P9H33401P1001264,2P9H33401P1001281,2P9H33403P1001282,2P9H33405P1001283,2P9H33407P1001284,2P9H33409P1001285,2P9H33400P1001286,2P9H33409P1001321,2P9H33400P1001322,2P9H33402P1001323,2P9H33405P1001343,2P9H3340XP1001344,2P9H33402P1001323,2P9H33405P1001347,2P9H33408P1001357,2P9H33401P1001358,2P9H33401P1001359,2P9H33408P1001360,2P9H3340XP1001361,2P9H33401P1001362,2P9H33403P1001363,2P9H33405P1001364,2P9H33408R1001037 & 2P9H3340XR1001038.Also from 2P9H33409R1001001 to 2P9H33409R1001032 inclusively, except for2P9H33403R1001006,2P9H3340XR1001007,2P9H33401R1001008,2P9H33403R1001009,2P9H3340XR1001007,2P9H33401R1001011.

## DESCRIPTION

Having as an objective to constantly better our product and answer our clients concerns, we've recently improved our sedan-type door locking system.

This modification applies to all H3-40 vehicles equipped with sedan-type entrance doors and is covered by our normal warranty.

To modify your vehicle, proceed in the following manner.

## MATERIAL

Part no.	Description	Qty
06-3926	Electronic relay module	1
50-4012	Cable tie	3
28-4567	Finishing plate	1
06-3925	Wire assy (long)	1
06-3924	Wire assy (short)	1
28-4819	Plunger	1
06-3658	Printed board assy (LEDs)	1
50-2094	Cotter pin 1/16" x 1/2"	1

**Note:** Material will be available as of July 8<sup>th</sup>, 1994 and can be ordered through regular channels.

## PROCEDURE

*Warning:*Park vehicle safely, apply parking brake, and stop engine prior to working on the vehicle.

**Caution:**When vehicle is parked overnight or for an extended period of time, battery switches should always be set to the "OFF" position.

**1.**Open entrance door, then set battery master switches to the "OFF" position.

2.Locate A/C electrical panel in A/C compartement (Fig. 1, #1). Open panel by pulling on rubber latches. Remove relay R72 from panel and discard (Fig 1, #2). Close panel door & compartement door. Proceed to drivers area.

A/C COMPARTMENT

A/C ELECTRICAL PANEL €

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Fig. 1

**3.**Unscrew dashboard (2 screws) and remove. Unplug connector and three (3) wires from printed board assy (LED's) and remove the latter from behind sedan door switch (2 nuts) (Fig. 2, #1). Install new printed board assy #06-3658 in same location and secure with the two (2) existing nuts. Plug in connector and connect the three (3) wires as follows;

Black = center

Gray = close

Brown = open

- 4. Reinstall dashboard panel with it's two (2) screws.
- **5.**Remove the two (2) screws retaining front access panel, then remove panel (Fig. 3, #1) and handrail (Fig. 3, #2).

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Fig. 2

Fig. 3

6.Locate the entrance door electronic module mounted next to wiper motor (Fig. 4, #1).

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### Fig. 4

7.Unsnap the electronic module by pulling on it's lower section.

**8.**Unscrew both screws retaining male connector C-265, disconnect all connectors on module, including the latter and discard module.

9.Insert wire assy #06-3925 in location #15 of male connector C-265.

**Note:** It is possible that on some vehicles, a wire occupies location #15 of connector C-265. If this is the case on your vehicle, remove wire with a puller, disconnect other extremity and discard wire. Proceed as in step #9.

**10.**Secure all connectors to new electronic relay module #06-3926.

Caution: Make sure connectors C-263 & C-264 are correctly positioned.

**11.**Install electronic relay module on "C" rail, in place of discarded module.

**Note:** The L.H. stopper can be loosened and lightly moved in order to ease module installation.

- **12.**Following existing cable harness, route other extremity of wire assy #06-3925 to the door connector C-82 located in curve of upper door hinge (Fig. 5, #1).
- 13. Displace hinge's rubber bellow and connect wire assy in location #6 of connector C-82.
- **14.**Secure wire assy to harness using three (3) cable ties #50-4012.
- 15. Reinstall access panel using it's two (2) screws. Reinstall handrail.
- 16.Unscrew cover cap (7 screws) on door upper hinge (Fig. 5, #2) and remove.
- 17.Unscrew closing plate (6 screws) over door latch (Fig. 5, #3) and remove.
- **18.**Unscrew finishing plate (3 screws) over door latch (Fig. 5, #4) and remove.
- **Note:** If finishing plate is not released when pulled on, unscrew dovetail's five (5) screws (Fig. 5, #5). Then plate can be removed.
- **19.**Disassemble latch assy (Fig. 5, #6) from door lever assy (Fig. 5, #8) by removing cotter pin (Fig. 5, #7). Discard cotter pin.
- **20.**Unscrew latch assy (8 or 10 screws) and dislodge from it's seat (Fig. 5, #6). Remove upper screw securing the closing rubber (Fig. 5, #9), located on back of latch.
- **21.**Route wire assy #06-3924 from connector C-82 on door hinge to door latch assy, following existing cable harness. Connect wire in location #6 of connector C-82 on door hinge.
- 22.Attach other end of wire assy #06-3924 (Ring terminal) to back of door latch by securing it between the closing rubber plate and it's screw.
- **23.**Secure wire assy to cable harness with electrical tape.
- 24. Reinstall latch assy, then reassemble it to door lever assy using cotter pin #50-2094.
- **25.**Reinstall finishing plate and closing plate using their appropriate hardware.

**Note:** Make sure the closing rubber is well positionned behind the closing plate before securing the latter.

26.Reinstall cover cap on door upper hinge using it's 7 screws.

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Fig. 5

27.Remove the four (4) screws retaining upper lock assy (Fig. 6, #1), then remove assy from it's slot.

- **Caution:**Lock assy should be removed by first, disloging lower section; then upper section will follow. This procedure should be done very delicately in order not to kink cylinder air hose. (If hose is kinked, the result will be a loss of pressure in hose which may cause the door to malfunction).
- **28.**Verify that plunger #28-4818 is included in lock assy (Fig. 6, #2). The correct plunger should be "BLACK" in colour. If plunger is "BLACK", proceed to step #29, if not, replace existing plunger with supplied plunger, in the following manner;

a)Remove the two (2) screws securing plunger.

b)Unscrew plunger and discard.

c)Screw in supplied plunger and secure with the two (2) existing screws.

**Note:** In order for door mecanism to work properly, the plunger must be screwed in tightly. (no torquing required).

29.Unscrew proximity switch (Fig. 6, #3), disconnect it from cable assy and discard.

- **30.**Cable assy is now obsolete but, in any case, should be left inside door panel. To secure cable assy inside door panel, proceed in the following manner;
  - a)Fill in cable connector with silicone (PRÉVOST #68-0053 or equiv.) in order to prevent moisture from seeping in.
  - b)Bond connector to the inside of door frame with silicone in order to prevent it from rattling against frame.
- **31.**Remove screw securing finishing plate (Fig. 6, #4), discard plate and install new finishing plate #28-4567 in it's place with existing screw.

32. Reinstall upper lock assy with existing screws by reversing procedure used in step #27.

**Caution:**As in step #27, be very careful not to kink cylinder air hose when reinstalling lock assy.

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Fig. 6

# WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and 2 hours (2) of labor upon receipt of a completed A.F.A. form on which you must specify as per Warranty Bulletin 94-07.

Expiration date:May 1995

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