



Technical Service Information

MAZDA MPV R4A-EL NO 4TH GEAR CONDITION INHIBITOR SWITCH CORRECTION

COMPLAINT: Mazda MPV's equipped with the R4A-EL transmission, that require replacement of the inhibitor switch, may experience a no 4th gear condition after installation of the NEW inhibitor switch.

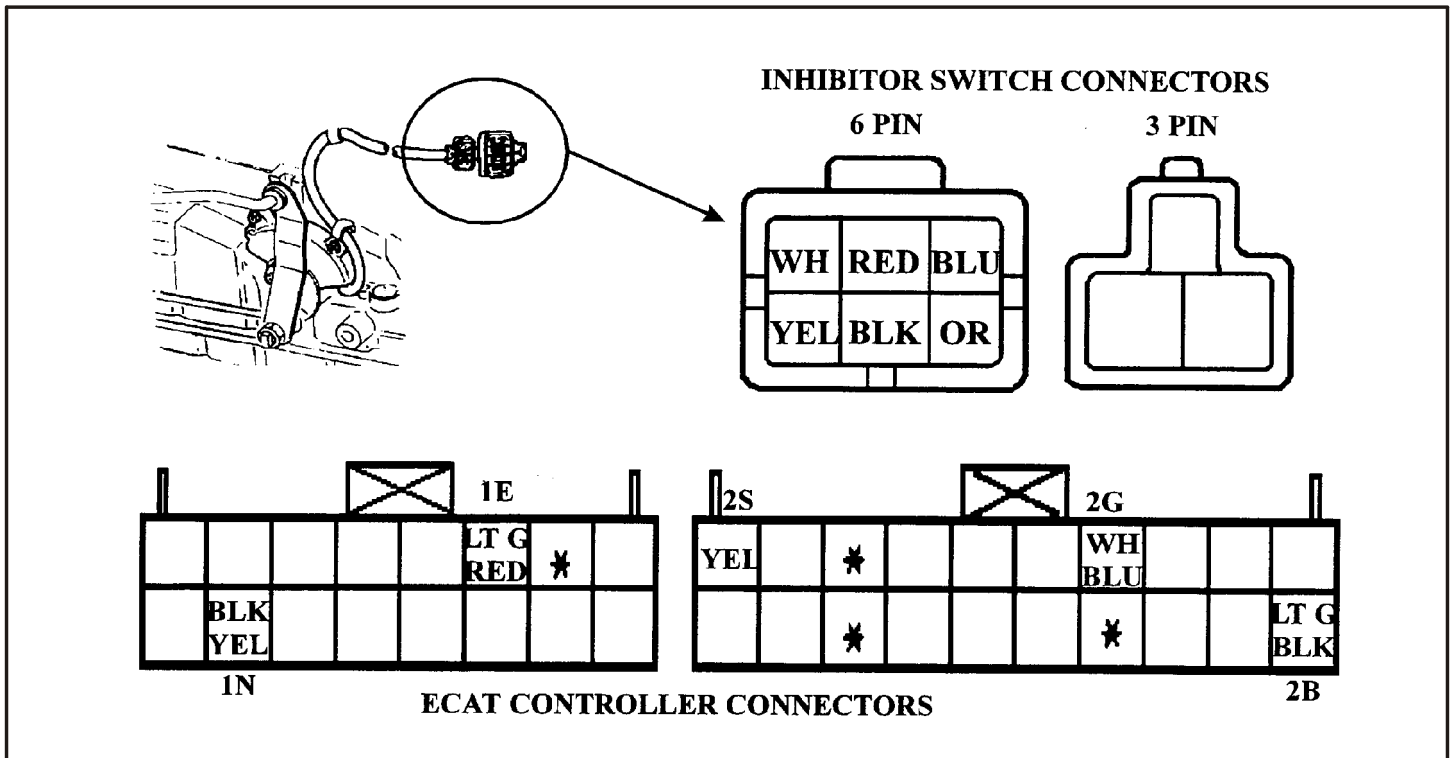
CAUSE: The cause may be, the NEW Inhibitor Switch wired incorrectly at the factory. The Red and Orange wires were inadvertently reversed in the 6 pin connector. Figure 1 shows the Red and Orange wires in the correct locations. The 3 pin connector is NOT affected.
The wires that have been mislocated (Red and Orange) must be removed from the 6 pin connector and relocated to their proper locations. Figure 1 shows the Red and Orange wires in the correct locations.

CORRECTION: Make certain that the wire colors and locations in the inhibitor switch 6 pin connector, match the wire color and location in the ECAT control unit, as it is shown in the charts and illustrations in Figure 1.

SERVICE INFORMATION:

Inhibitor Switch (Mazda MPV with R4A-EL).....BV1119444

*Compliments of Sonny & John
Pinpoint Diagnostics
New York, NY*



INHIBITOR SWITCH		ECAT CONTROLLER
WHITE	connects to	YELLOW
RED	connects to	LT. GREEN/BLACK
BLUE	connects to	LT. GREEN/RED
YELLOW	connects to	BLANK
BLACK	connects to	BLACK/YELLOW
ORANGE	connects to	WHITE/BLUE

Figure 1