

91-004 Repairing Seat Occupancy Sensor for ISRI, SEARS and National Truck Seats

TSB-91-004-WST

Creation Date: 2025-01-29

Engine or Vehicle Affected:

- ▶ 57X
- ▶ 49X
- ▶ 47X

This is an informational bulletin only. The described condition is a product improvement and is not warrantable.

Described Condition

Western Star vehicles equipped with seats manufactured by ISRI, SEARS and National Truck Seat (NTS) require the technician to visually inspect the seat sensor harness routing when replacing the seat occupancy sensor (SOS). Check the harness for any potential pinch points or strain areas that could lead to damage. If diagnostic faults or driver complaints necessitate a sensor replacement, the technician must inspect the seat sensor and harness as outlined below. For information on the seat sensor replacement, see Group 91 of the applicable vehicle workshop manual.

Repairing the Seat Occupancy Sensor

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

2. Use the BOM to identify what seat is installed;
 - For visual ID of a SEARS seat, see the figures in [Table 1](#).

Table 1, SEARS Seat Information



Table 1, SEARS Seat Information

- For visual ID of National Truck Seat, see the figures in Table 2.

Table 2, National Truck Seat Information

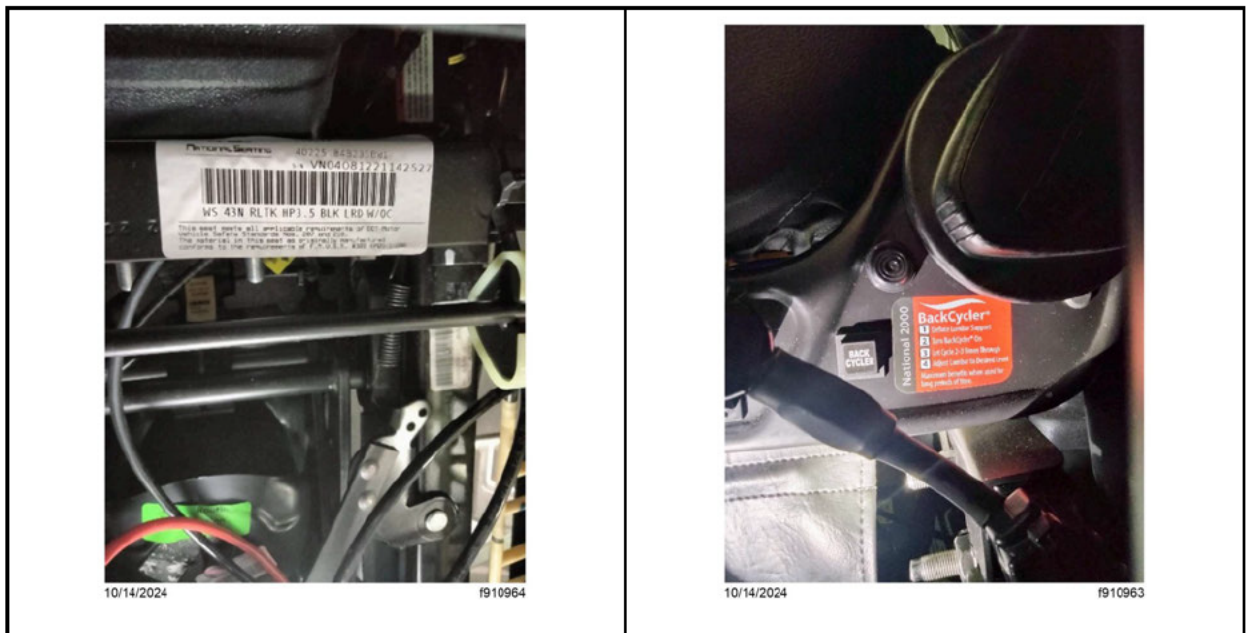
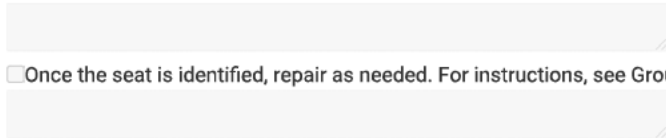
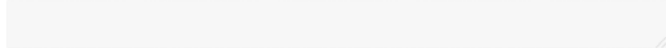


Table 2, National Truck Seat Information

- ISRI has no visual ID of the seat unless the seat skirt is removed. When looking at the BOM, the 756 parts will state ISRI.



3. Once the seat is identified, repair as needed. For instructions, see Group 91 of the appropriate truck model in the workshop manual.



Warranty

This is an informational bulletin only. The described condition is a product improvement and is not warrantable.

Note:

REPAIR
 INSPECT
 002-057-053
 W12
 W17
 W15
 W14
 W16

Document Number: 0000147905
 Topic Publication Date: 2025-01-29