

# 91–016 Repairing Seat Occupancy Sensor for ISRI, SEARS and National Truck Seats

## TSB-91-016-FTL

---

Creation Date:2024-11-20

---

### Engine or Vehicle Affected:

- ▶ Business Class M2-Plus
  - ▶ Business Class M2
  - ▶ 108SD Plus/114SD Plus
  - ▶ New Cascadia
  - ▶ eM2
  - ▶ eCascadia
- 

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

### **Described Condition**

Freightliner vehicles equipped with seats manufactured by ISRI, SEARS and National Truck Seat (NTS) seats 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 appropriate truck model in the *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 figures in [Table 1](#).

Table 1, SEARS Seat Information



Table 1, SEARS Seat Information

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

Table 2, National Truck Seat Information

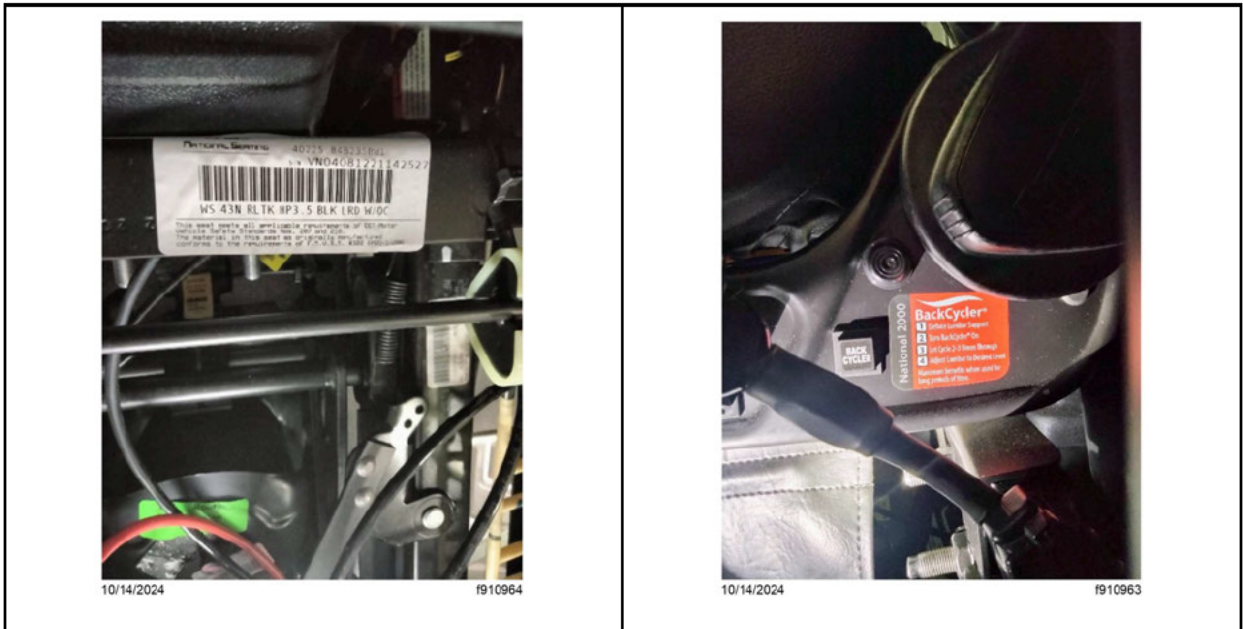


Table 2, National Truck Seat Information

- o 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:**

- F07
- F18
- F15
- F25
- F16
- F26
- F35
- F36
- F37
- F38

F40  
REPAIR  
INSPECT  
002-057-053

Document Number:0000137989