

August 15, 2018

Version 1

## SRS Indicator On with DTC B0090-87

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016	ILX	ALL	ALL
2017			ALL

### SYMPTOM

The SRS indicator is on with DTC B0090-87 (no signal from the left front impact sensor).

### POSSIBLE CAUSES

A wire diameter variance lets water enter the SRS front impact sensor connector and causes damage to the harness.

### CORRECTIVE ACTION

Replace the left front impact sensor and engine compartment wire harness.

**CLIENT INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

**PARTS INFORMATION****2016 ILX**

<b>Part Name</b>	<b>Part Number</b>	<b>Quantity</b>
Throttle Body Gasket	17107-R40-A01	1
A-Pipe Gasket	18229-S5D-A01	1
Front Crash Sensor	77930-T2A-A01	1
Engine Compartment Wire Harness (Base With Premium Package)	32200-TV9-306	1
Engine Compartment Wire Harness (With Technology Plus With AcuraWatch Plus Package)	32200-TV9-407	1
Engine Compartment Wire Harness (With Technology Package and A-Spec Package)	32200-TV9-408	1
Engine Compartment Wire Harness (With Premium Package and A-Spec Package)	32200-TV9-307	1

**2017 ILX**

<b>Part Name</b>	<b>Part Number</b>	<b>Quantity</b>
Throttle Body Gasket	17107-R40-A01	1
A-Pipe Gasket	18229-S5D-A01	1
Front Crash Sensor	77930-T2A-A01	1
Engine Compartment Wire Harness (Base With Premium Package)	32200-TV9-A02	1
Engine Compartment Wire Harness (With Technology Plus With Technology and AcuraWatch Plus Package)	32200-TV9-A12	1
Engine Compartment Wire Harness (With Technology Package and A-Spec Package)	32200-TV9-A22	1
Engine Compartment Wire Harness (With Premium Package and A-Spec Package)	32200-TV9-A32	1

## WARRANTY CLAIM INFORMATION

The normal warranty applies.

### 2017 ILX

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7371J8	Replace the engine compartment wire harness. (Base With Premium Package)	6.3 hrs	03214	03217	B18016A	32200-TV9-A02
7371J8	Replace the engine compartment wire harness. (With Technology Plus With AcuraWatch Plus Package)	6.3 hrs	03214	03217	B18016B	32200-TV9-A02
7371J8	Replace the engine compartment wire harness. (With Technology Plus and A-Spec Package)	6.3 hrs	03214	03217	B18016C	32200-TV9-A02
7371J8	Replace the engine compartment wire harness. (With Premium Package With A-Spec Package)	6.3 hrs	03214	03217	B18016D	32200-TV9-A02

### 2016 ILX

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7371J8	Replace the engine compartment wire harness. (Base With Premium Package)	6.3 hrs	03214	03217	B18016E	32200-TV9-A02
7371J8	Replace the engine compartment wire harness. (With Technology Plus With AcuraWatch Plus Package)	6.3 hrs	03214	03217	B18016F	32200-TV9-A02
7371J8	Replace the engine compartment wire harness. (With Technology Plus and A-Spec Package)	6.3 hrs	03214	03217	B18016G	32200-TV9-A02
7371J8	Replace the engine compartment wire harness. (With Premium Package With A-Spec Package)	6.3 hrs	03214	03217	B18016H	32200-TV9-A02

Skill Level: Repair Technician

## REPAIR PROCEDURE

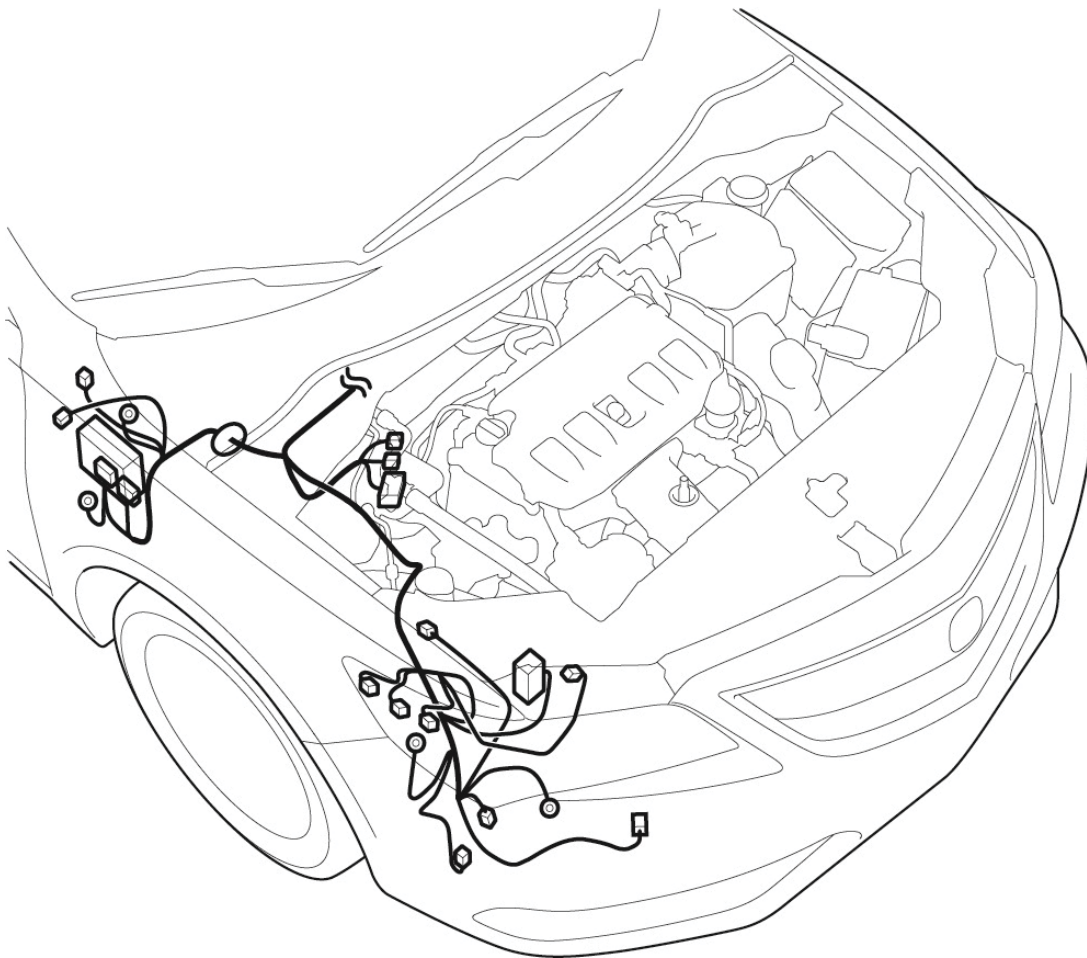
The following service information procedures have been used in full or in part within this service bulletin. For more detail on these procedures and torque specifications, refer to the service information.

1. Disconnect the 12-volt battery, and remove it from the vehicle. Refer to the service information.
2. Vehicle exterior: Remove the following parts or take the required action. Refer to the service information.
  - Front bumper assembly
  - Left and right headlight assemblies
  - Lower windshield cowl cover
  - Left and right inner fender liners
  - Lower engine splash shield
  - Loosen the resonator chamber to gain access to ground cable G301
  - Exhaust A pipe
  - Air cleaner assembly
  - Unbolt the throttle body and move it aside
  - Horn bracket (from the core support)
  - PCM
  - Passenger side engine mount and bracket (to help removal and routing of the harness)

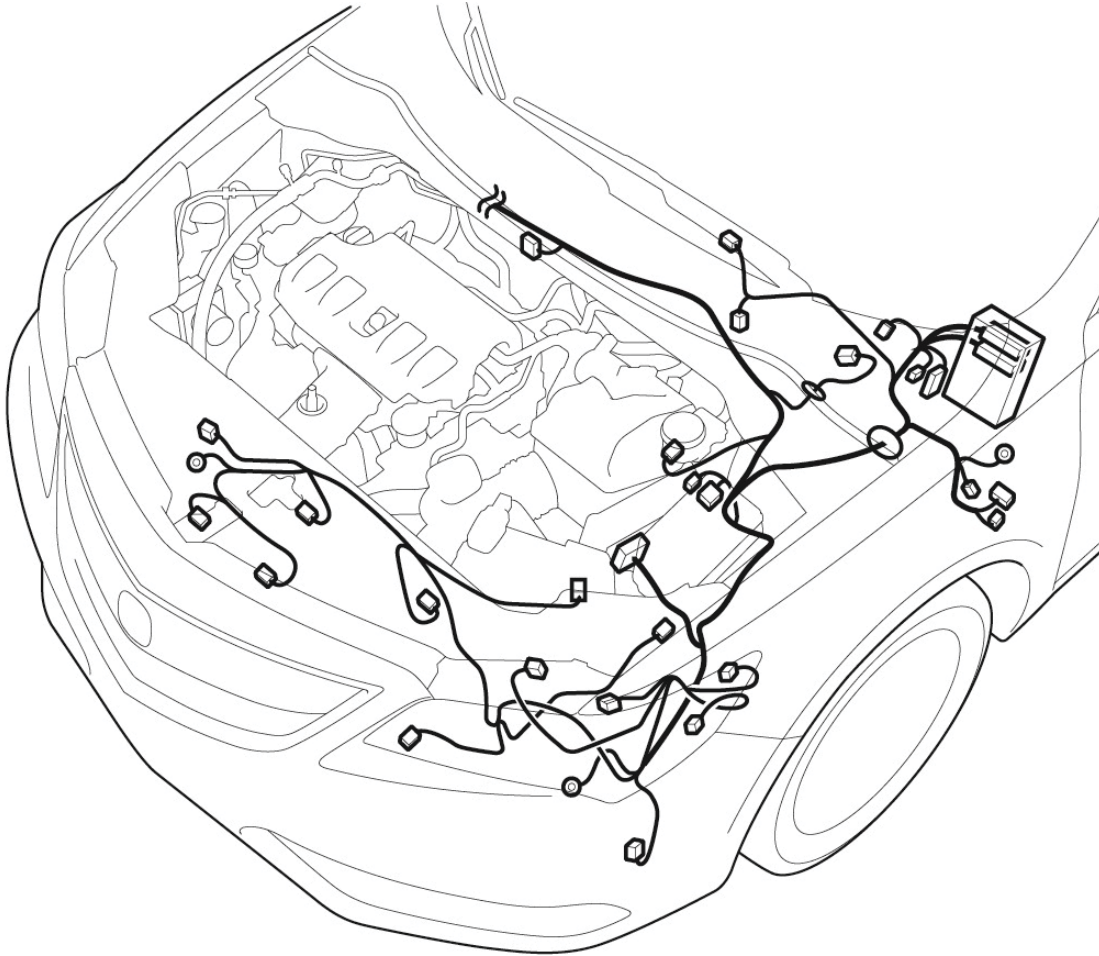
3. Vehicle interior: Remove the following parts. Refer to the service information.
  - Driver's door sill trim and kick panel (Do not remove the lock cylinder.)
  - Driver's dashboard lower cover
  - MICU
  - Passenger's door sill trim and kick panel
  - Passenger's dashboard undercover
  - EPS control unit
4. Unplug the engine room wire harness connectors and ground wires.
5. Starting from the interior on the passenger side, remove the harness. Follow the harness into the engine compartment.

#### NOTES

- Remove the clips and harness through the firewall from underneath the vehicle.
- Temporarily re-attach the passenger side mount and bracket before raising the vehicle.



6. Starting at the interior of the driver's side, remove the harness. Follow the harness into the engine compartment.



7. Starting from the center of the core support, remove the harness and follow it towards the drivers side.
8. Completely remove the harness from the vehicle.
9. Install the harness in the reverse order of removal, and securely fasten all connectors.

**NOTE**

To reduce connector / harness from snagging, wrap all the connectors with masking tape.

10. Install all removed parts in the reverse order of removal.
11. Do an all DTC check, and clear all DTCs.

END