

April 30, 2016

48391-03467 Version 3

2010-14 TSX: Clicking When Turning the Steering Wheel

(Supersedes 12-037, dated February 26, 2013, see REVISION SUMMARY)

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2010-14	TSX	L4 and V6	ALL
2011-14	TSX	Sport Wagon	ALL

REVISION SUMMARY

This bulletin has been completely revised. American Honda recommends that you read the entire bulletin.

SYMPTOM

There is a ticking or clicking when turning the steering wheel.

POSSIBLE CAUSES

The steering wheel tab that engages the steering wheel angle sensor has too much play.

CORRECTIVE ACTION

Replace the steering wheel.

PARTS INFORMATION

Part Name	Part Number	Quantity
Steering Wheel (NH690L Premium Black)	78501-TL0-A51ZA	1
Steering Wheel (Type Z)	78501-TL0-A51ZC	1
Steering Wheel (Type A)	78501-TL0-A51ZD	1

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

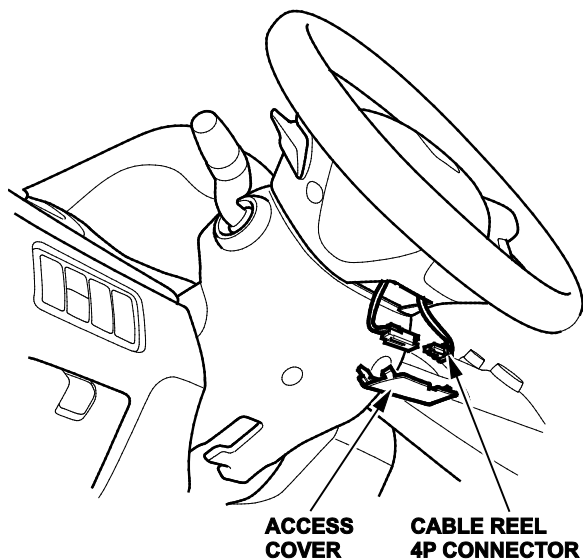
Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
510140	Replace the steering wheel (NH690L Premium Black).	0.7 hrs	06201	04201	12-037N	78501-TL0-A51ZA
510140	Replace the steering wheel (Type Z).	0.7 hrs	06201	04201	12-037P	78501-TL0-A51ZA
510140	Replace the steering wheel (Type A).	0.7 hrs	06201	04201	12-037Q	78501-TL0-A51ZA

Skill Level: Repair Technician

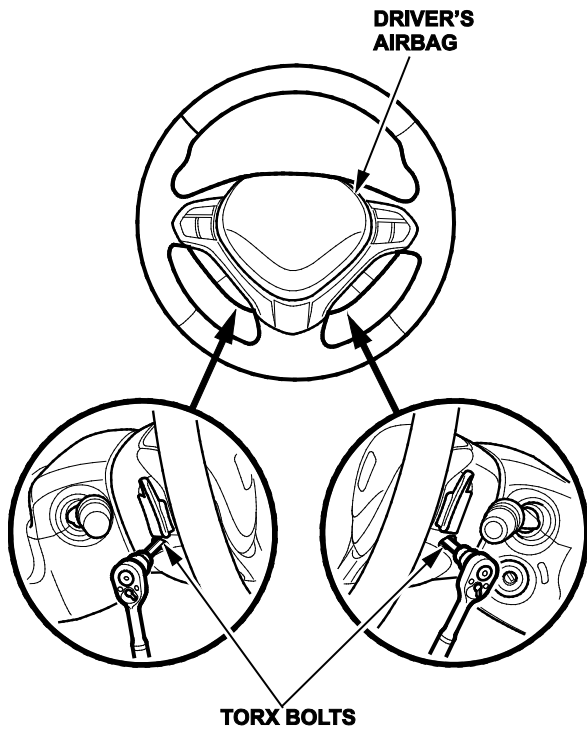
REPAIR PROCEDURE

NOTE: This procedure is in an outline form that you can also use as a checklist for the repair. If you need more details on this procedure, refer to the service information.

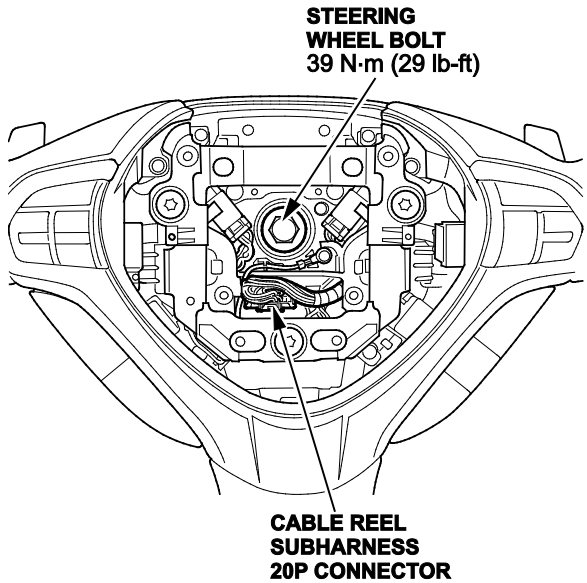
- Battery Terminal Disconnection/Reconnection
 - Driver's Airbag Removal/Installation
 - Steering Wheel Removal/Installation
 - Steering Column Cover Removal/Installation
1. With the engine idling, set the steering wheel and front wheels in the straight-ahead position, then turn the ignition switch to LOCK (0) and remove the key.
 2. Do the battery terminal disconnection procedure, then wait 3 minutes before continuing work.
 3. Remove the access panel from the steering wheel, then disconnect the cable reel 4P connector from the driver's airbag 4P connector.



4. Remove the two TORX bolts using a TORX T30 bit.

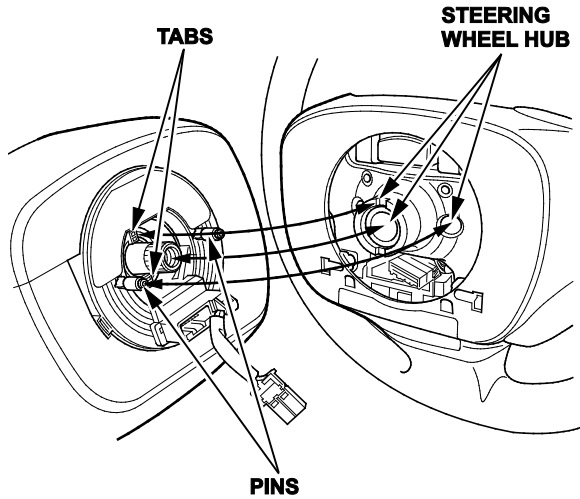


5. Remove the driver's airbag.
6. Disconnect the cable reel subharness 20P connector from the cable reel.

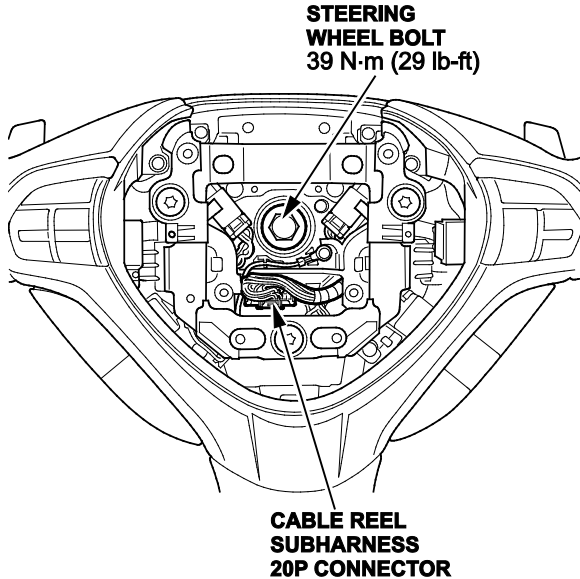


7. Loosen the steering wheel bolt, then install a commercially available steering wheel puller and remove the steering wheel.
8. Transfer the steering wheel switches to the new steering wheel.

9. Position the two tabs of the turn signal canceling sleeve as shown. Install the steering wheel on the steering column shaft; make sure the steering wheel hub engages the pins of the cable reel and tabs of the turn signal canceling sleeve. Do not tap on the steering wheel or steering column shaft when installing the steering wheel.

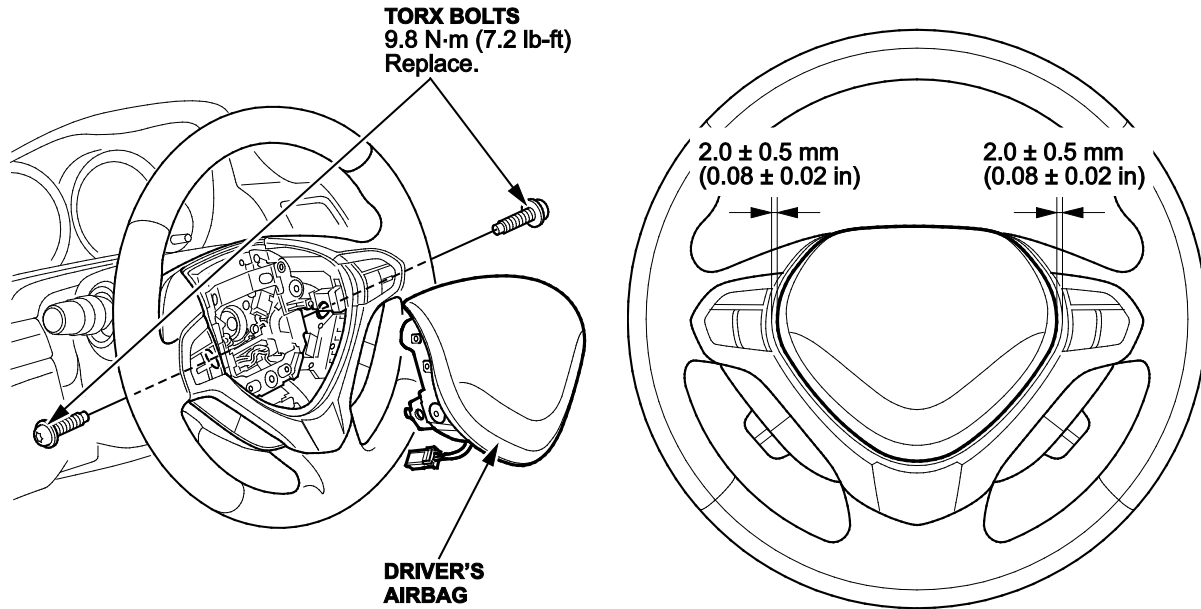


10. Align the steering wheel, then install the steering wheel bolt and torque it to **39 N·m (29 lb-ft)**. Connect the cable reel subharness 20P connector. Make sure the wire harness is routed and fastened properly.

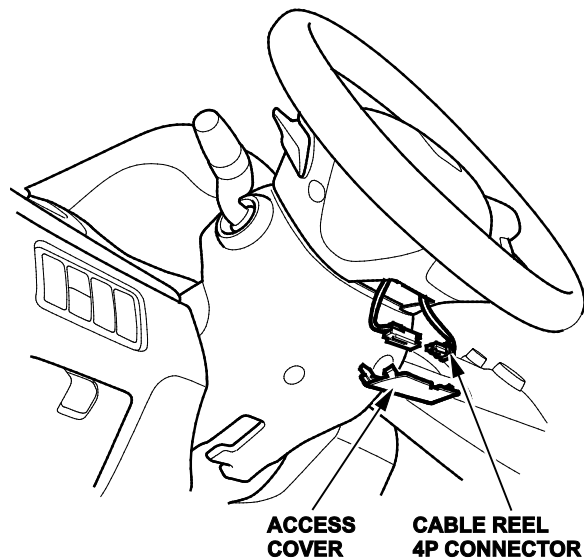


11. Install the driver's airbag into the steering wheel and tighten the new TORX bolts to **9.8 N·m (7.2 lb-ft)**, with a TORX T30 bit.

NOTE: Make sure the clearance between the steering wheel and the horn pad is within the range specified below.



12. Connect the driver's airbag 4P connector to the cable reel 4P connector, then install the access panel on the steering wheel.



13. Do the battery terminal reconnection procedure and check these items:
- Turn the ignition switch to ON (II) and check that the SRS indicator comes on for about 6 seconds and then goes off.
 - Make sure the horn and turn signal switches work properly.
 - Make sure the steering wheel switches work properly.
14. After installation, check the steering wheel spoke angle. If the steering spoke angles to the right and left are not equal (steering wheel is not centered), correct the engagement of the wheel/column shaft splines.

END