



# Service Bulletin

File in Section: -

Bulletin No.: 16-NA-271

Date: August, 2016

## TECHNICAL

**Subject:** Ignition Key Cannot Be Removed from Ignition and/or Shifter Will Not Move Out of Park

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	City Express	2015	2015				

<b>Involved Region or Country</b>	North America
<b>Condition</b>	Some customers may comment on the ignition key cannot be removed from ignition and/or shifter will not move out of Park.
<b>Cause</b>	This condition may be caused by the stop lamp switch and/or the key interlock cable being misadjusted.

### Correction

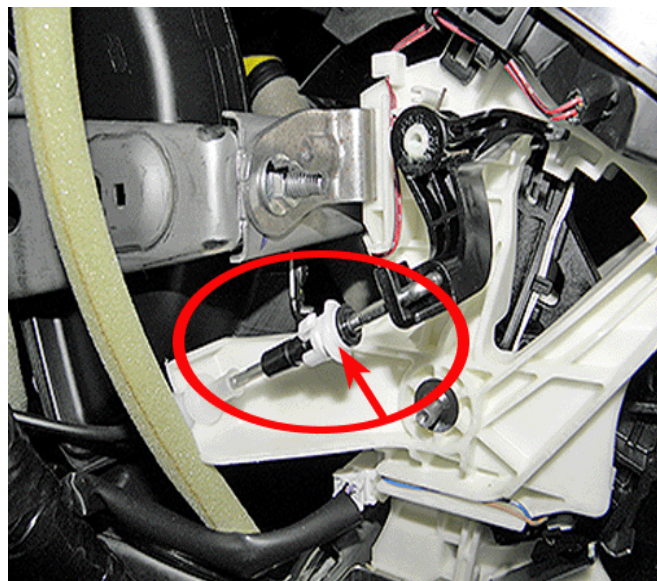
Adjust the key interlock cable and brake switch following the procedure listed below.

### Service Procedure

#### Key Interlock Cable Adjustment Procedure

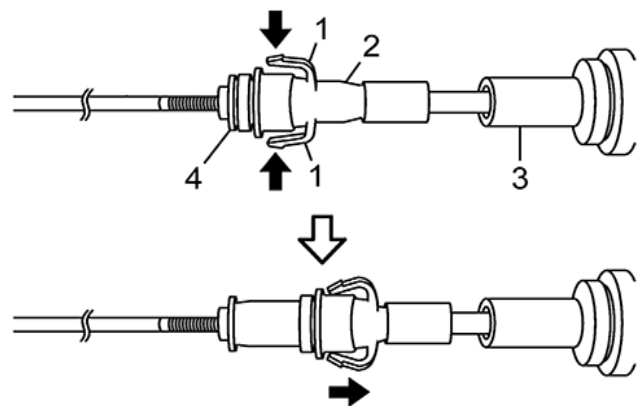
1. Remove the center console finisher to gain access to the key interlock cable adjuster. Refer to the Electronic Service Manual (ESM), section IP – Instrument Panel for removal and installation.

**Important:** If the ignition is ON or turned ON when the passenger air bag indicator lamp is disconnected, supplemental restraint system (SRS) related DTCs may set and be permanently stored in the air bag diagnosis sensor unit.



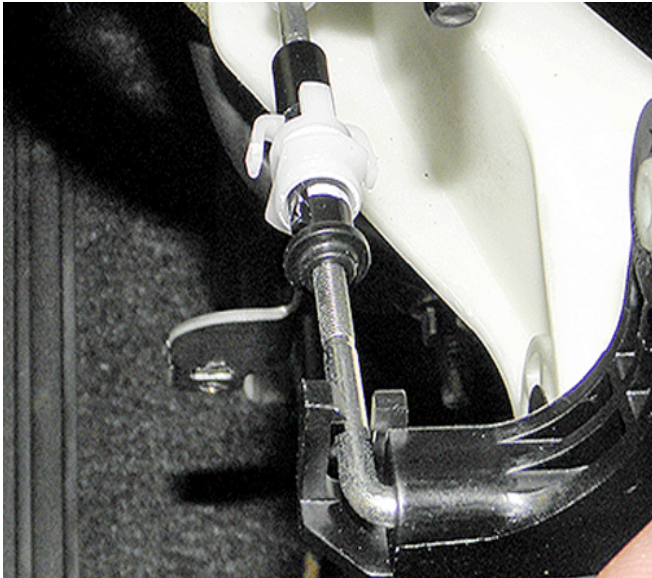
4574499

**Note:** Shown in the illustration above is where the key interlock cable adjuster is located.



4574648

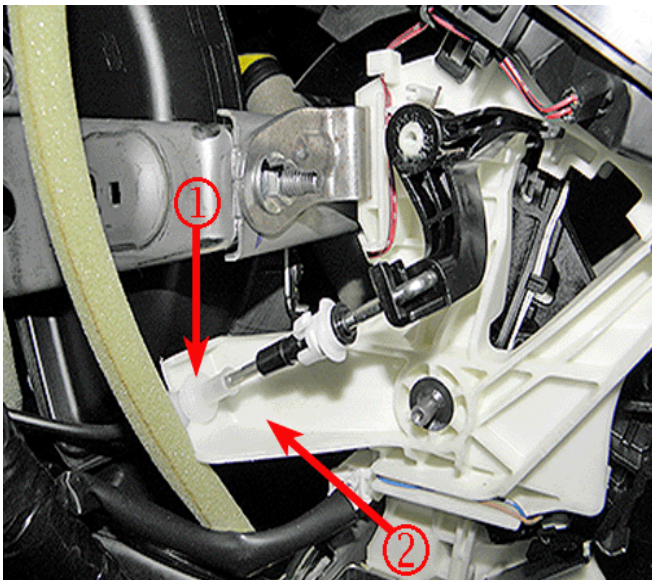
2. Unlock key interlock cable adjuster.
  - 2.1. Press the pawls (1) of the key interlock cable slider (2), while sliding it in the direction of the casing cap (3), and then separate the adjust holder (4) and slider.



4574679

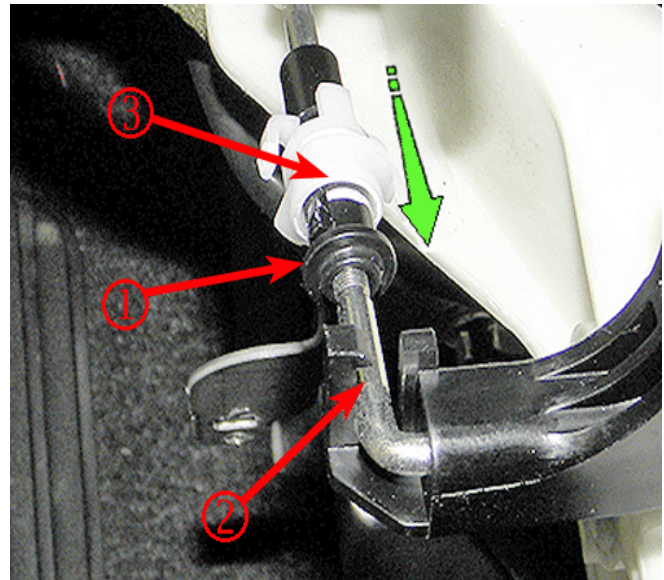
3. Adjust key interlock cable.
  - 3.1. Shift to "P" position (if not already).
  - 3.2. Turn the ignition switch to LOCK position.

**Note:** Do not bend or twist the cable forcefully.



4574691

- Confirm that the casing cap (1) is fastened to the cable bracket (2).



4574764

- 3.3. Pull the adjust holder (1) onto the key interlock rod (2) until movement stops and adjust holder cannot be pulled any further; all free-play has been removed.
- 3.4. While holding the adjust holder (1) in position, move the key interlock cable slider (3) towards the key interlock rod side (2) and lock it (over the adjust holder (1)).
4. Proceed to the specific stop lamp switch adjustment procedure for the vehicle being adjusted.



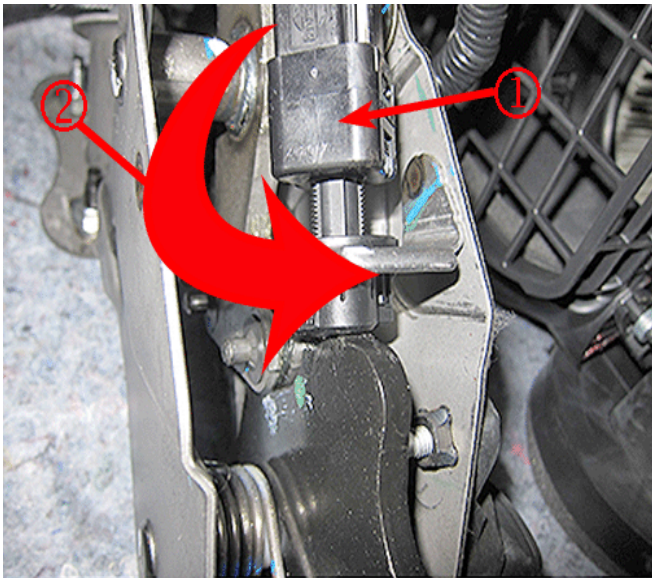
### Stop Lamp Switch Adjustment Procedure

**Note:** The following steps are performed without the brake pedal depressed.

Adjust the stop lamp switch:

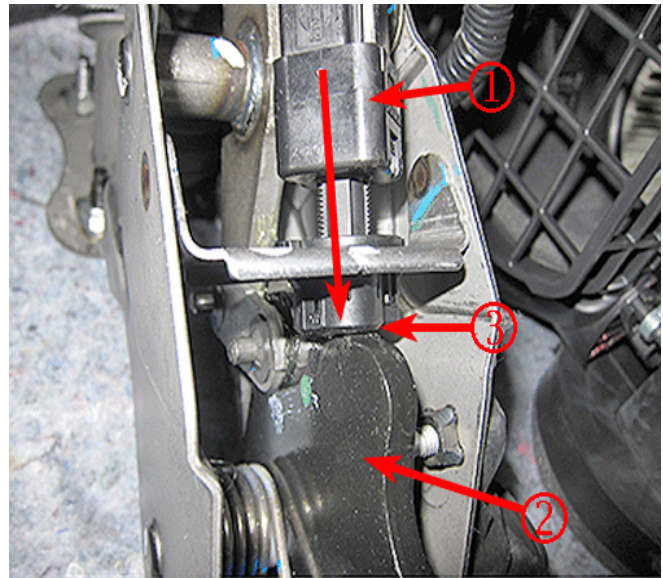


4574781



4574889

1. Turn the stop lamp switch (1) (black switch) 45° counterclockwise to unlock (2).



4574958

2. While unlocked, gently push the stop lamp switch (1) until its black plastic body contacts the brake pedal arm (2).
  3. While holding the stop lamp switch against the brake pedal arm turn the switch 45° clockwise to lock in place.
  4. Confirm the clearance (3) between brake pedal arm (2) and black plastic body of the stop lamp switch (1), readjust as necessary.
    - Clearance: 0.74 – 1.96 mm (0.0291 – 0.0772 in)
- Important:** After adjusting the stop lamp switch, confirm that the stop lamps come ON while the brake pedal is depressed, and then go out when released.
- If the stop lamps do not come ON or go out after adjusting switch, recheck stop lamp switch adjustment.
5. Proceed to Inspection after Adjustments section.

### Inspections after Adjustments

1. After performing key interlock cable and stop lamp switch adjustments, confirm the following items.
  - 1.1. Control Device
    - To operate the “control lever” from “P” position to other ranges under ignition ON state, the lever is not operable unless the brake pedal is stepped on.
    - In other ranges, it is operable regardless of the brake pedal. At “P” position, the “control lever” is not operable under any state other than ignition ON.
  - 1.2. Steering Lock
2. Turn the ignition OFF, and then disconnect the passenger air bag indicator lamp.

**Important:** If the ignition is ON or turned ON when the passenger air bag indicator lamp is disconnected, supplemental restraint system (SRS) related DTCs may set and be permanently stored in the air bag diagnosis sensor unit.

3. Reassemble the vehicle in reverse order of disassembly.
4. After turning the ignition ON or starting the engine, make sure the supplemental air bag and front passenger air bag indicator lights turn OFF after approximately seven (7) seconds.
5. Clear any DTCs caused by this repair.

### Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8480528*	Adjust Key Interlock Cable and Brake Switch	1.0 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	

