

March 30, 2016

03395 Version 1

2017 ILX: TQI Information

AFFECTED VEHICLES

Year	Model	Trim Level
2017	ILX	ILX
		ILX with AcuraWatch Plus Package
		ILX with Premium Package
		ILX with Premium and A-SPEC Packages
		ILX with Technology Plus Package
		ILX with Technology Plus and A-SPEC Packages

INTRODUCTION

This bulletin covers the total quality inspection (TQI) of the 2017 ILX. It includes these procedures:

1. Remove the Exterior Protective Coatings	10. Do the PCM Idle Learn Procedure
2. Install the Fuses	11. Do the CKP-Pattern Learn Procedure
3. Remove the Interior Protective Coverings	12. Install the Shift Lock Release Cover
4. Install the Floor Mats	13. Set the Audio Unit Anti-Theft Code
5. Check the Battery	14. Set the Clock (Models Without Navigation)
6. Install the Body Plugs	15. Check/Refresh the SiriusXM [®] Radio Dealer Demo Service (If Equipped, Except in Alaska and Hawaii)
7. Install the Front License Plate Holder	16. Check the ACC, Collision Mitigation Braking System/Forward Collision Warning, LKAS, Lane Departure Warning/Road Departure Mitigation Indicators (If Equipped)
8. Remove the Protective Tape from the Front Strakes	17. Check Bluetooth [®] HandsFreeLink [®] (HFL)
9. Set the Tire Pressures	

To do a TQI on a model with a navigation system, be sure to complete S/B 16-018, *2017 ILX: TQI of the Navigation System*.

CLAIM INFORMATION

Reimbursement Time: 1.4 hours

NOTE: This time includes the TQI of the navigation system, if equipped.

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.

TQI PROCEDURES

Before Starting

Review these items:

- Perfect Delivery documents, especially the information on battery maintenance and tire pressures
- TQI checklist in the maintenance journal

Make sure you record the TQI on the appropriate pages of the maintenance journal. The TQI is not done until this bulletin and the TQI checklist are both complete. Note on the repair order any repairs or problems that cannot be fixed within a few minutes.

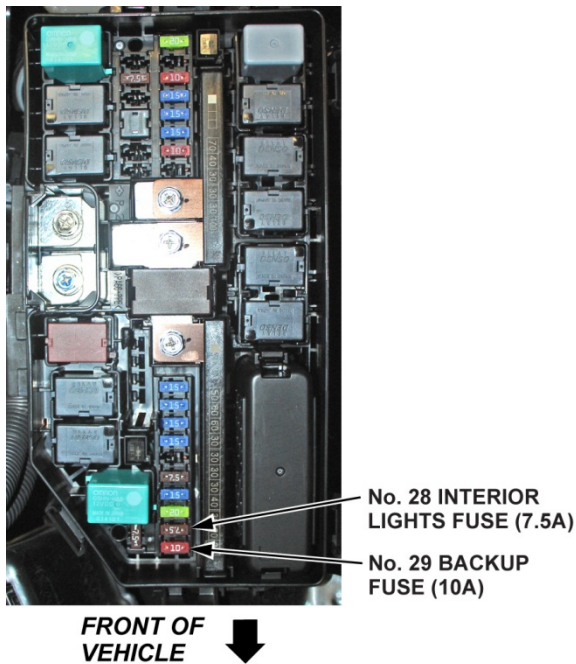
Remove all TQI items from the trunk and glove box.

1. Remove the Exterior Protective Coatings

Carefully remove the exterior protective coatings. See S/B 96-009, *Removal of Protective Coatings During TQI*.

2. Install the Fuses

To prevent battery drain during vehicle shipping, the No. 28 INTERIOR LIGHTS (7.5 A) fuse and the No. 29 BACKUP (10 A) fuse are removed from the under-hood fuse/relay box and stored in the glove box. Make sure the power mode is set to OFF before reinstalling the No. 29 fuse.



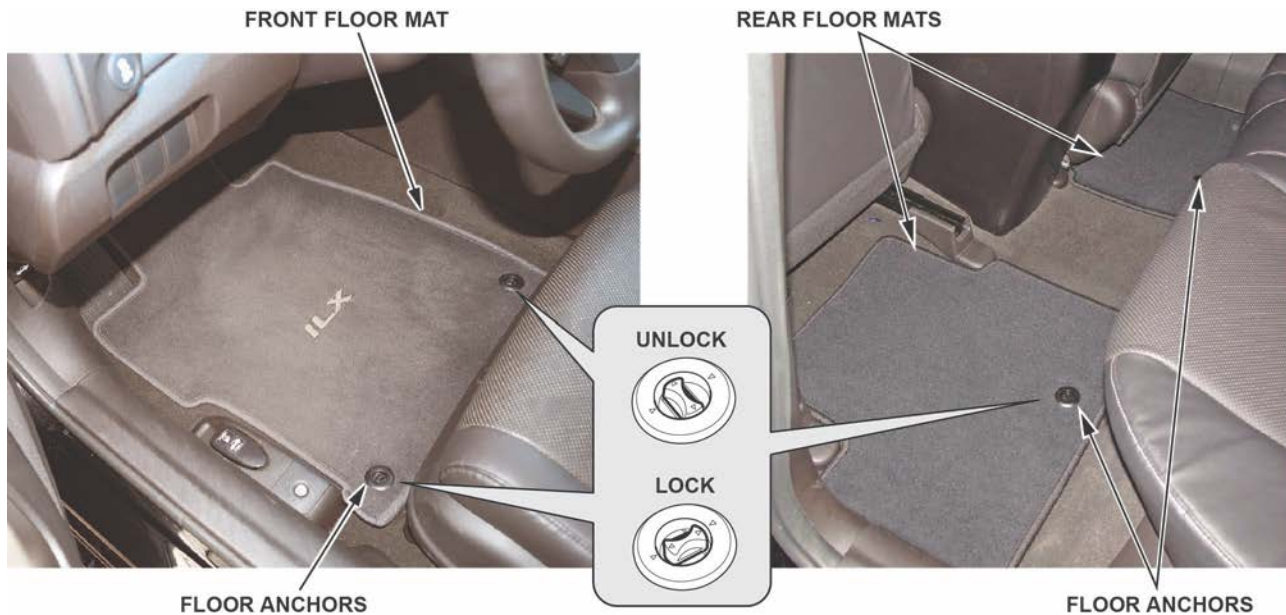
Vehicle Interior

3. Remove the Interior Protective Coverings

There are several protective coverings on the interior trim pieces and some areas of the carpet. Carefully remove all of them with clean hands to avoid soiling any surfaces. If any of the interior is dirty, clean it with mild soap or an Acura cleaning product such as Leather & Vinyl Cleaner (P/N 08700-9214A) or Carpet Spot Remover (P/N 08700-9215A).

4. Install the Floor Mats

Install the floor mats where they belong. Be sure to place the eyelets in the driver's and front passenger's floor mats over the anchors on the floor, then turn the knobs clockwise to lock the anchors. Do the same for the rear floor mats.



Under-Hood (Engine Cold)

5. Check the Battery

To ensure long battery life and that the client gets a fully charged battery, it must be checked at these times:

- When the vehicle first arrives at the dealership
- During the TQI (if done at a later date)
- At regular intervals (if stored)
- Just before vehicle delivery

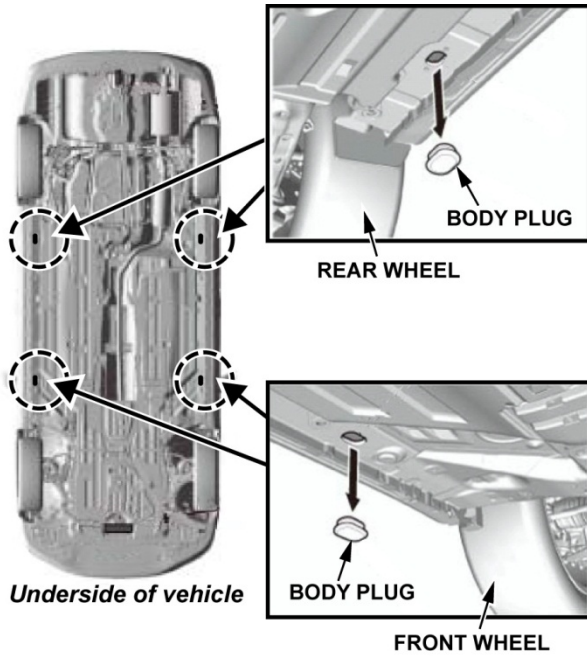
Test the battery with the ED-18 battery tester using S/B 88-016, *Battery Testing and Replacement*. If the test results show **GR8 DIAGNOSTIC NEEDED**, you must charge the battery with the GR8 battery diagnostic station.

Write down the **GOOD BATTERY** 10-digit code in the maintenance journal. During the TQI, write down the code in the "Under Hood (Engine Cold)" section. Then, at vehicle delivery, write it down in the "Final Inspection (At Delivery)" section.

Vehicle Exterior (Vehicle Raised to Full Height)

6. Install the Body Plugs

Install the body plugs into the tie-down holes as shown.

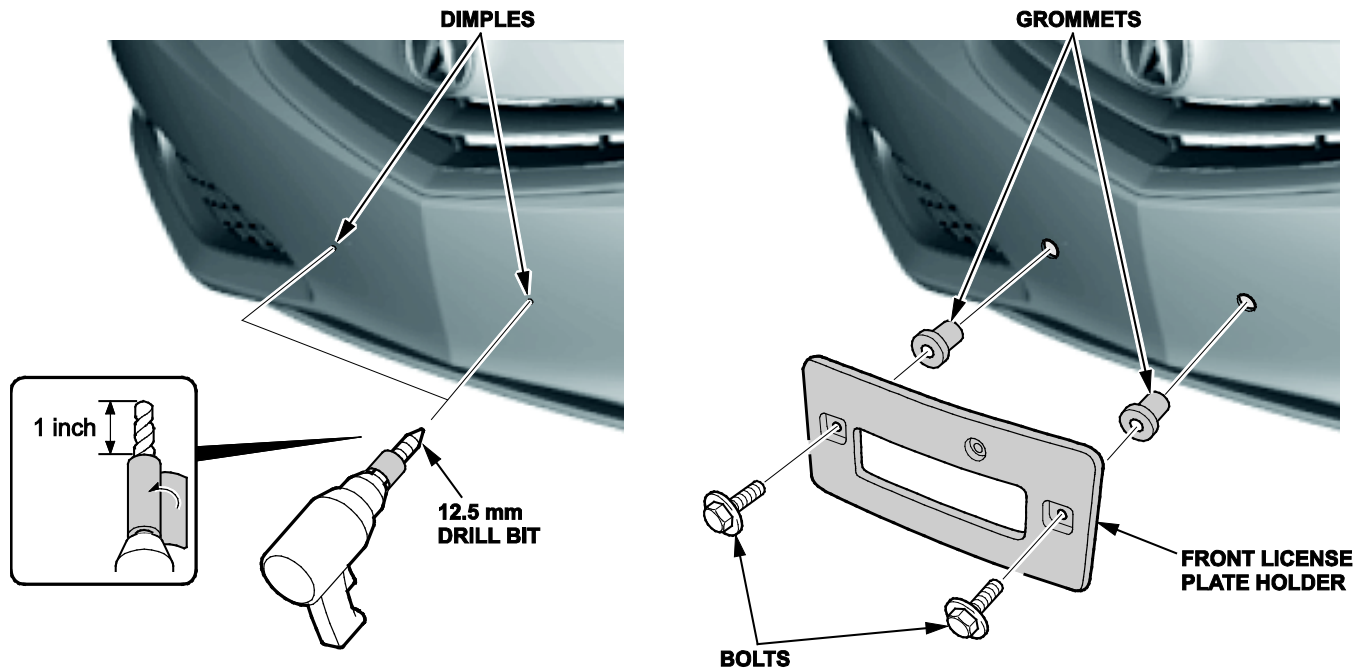


Vehicle Exterior (Vehicle Lowered to Half-Height)

7. Install the Front License Plate Holder

If state regulations require the use of a front license plate, do this:

1. Find the two dimples in the front bumper.



2. Drill through the dimples with a 12.5 mm drill bit. To avoid contact with components behind the skin, be sure to use a drill stop set 1 inch from the tip.
3. Insert the grommets into the drilled holes.
4. Line up the front license plate holder with the grommets and secure it with the two supplied fasteners.

8. Remove the Protective Tape from the Front Strakes

Protective tape is attached to the front strakes to prevent damage during shipping. Remove this tape.



Vehicle Exterior (Vehicle Lowered to Ground)

9. Set the Tire Pressures

To prevent flat spots during vehicle shipping and storage, the tires are inflated to over **40 psi**. Adjust the tire pressures to the cold inflation values listed on the driver's doorjamb label. If you are in a cold climate region, make sure the tires are at the outside ambient temperature before adjusting the pressures; otherwise, the Low Tire Pressure/TPMS indicator may come on in cold weather.

NOTE: This vehicle does not come with a spare tire. Instead, it has a tire repair kit stored under the trunk lining. An optional spare tire wheel kit can be ordered separately.

Under-Hood (Engine Idling)

10. Do the PCM Idle Learn Procedure

To ensure a steady engine idle, do the PCM idle learn procedure as follows after installing the No. 29 BACKUP (10 A) fuse:

1. Make sure all electrical items (A/C, audio unit, rear window defogger, lights, etc.) are turned off.
2. Start the engine and let it reach operating temperature (the cooling fans cycle twice).
3. Let the engine idle for **10 minutes** with the throttle fully closed.

The PCM idle learn procedure must also be done after updating or replacing the PCM. It does not need to be done after clearing DTCs.

11. Do the CKP-Pattern Learn Procedure

To ensure proper engine operation, do the CKP-pattern learn procedure after doing the PCM idle learn procedure.

NOTE:

- Make sure all electrical loads (A/C, heated seats, audio unit, etc.) are turned off before doing this procedure.
- **Failure to do this procedure correctly may result in poor driveability along with misfire DTCs.**
 1. While driving on a level road, decelerate (with the throttle fully closed) from **2,500 rpm** to **1,000 rpm** with the transmission in 2nd gear.
 2. Repeat step 1 three times.

Vehicle Interior

12. Install the Shift Lock Release Cover

Install the shift lock release cover in the shift lock release opening to the right of the shift lever.

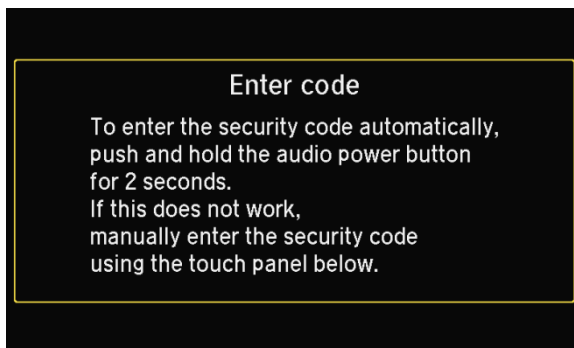


13. Set the Audio Unit Anti-Theft Code

The anti-theft code is automatically checked between the PCM and the audio unit. There is no longer a need for anti-theft code cards. However, two anti-theft code labels are included. After exiting the anti-theft mode, attach one of them to the repair order. The other one should be given to the client for safe keeping, rather than left in the vehicle.

To exit the anti-theft mode, do this.

1. Set the power mode to ON.
2. Press the VOL knob to turn on the audio unit.
3. When the **Enter code** screen appears, press and hold the VOL knob for about **2 seconds**. This lets the PCM check that the vehicle's VIN matches the one saved in the audio unit. You will hear a long beep when the audio unit exits the anti-theft mode. Release the VOL knob.

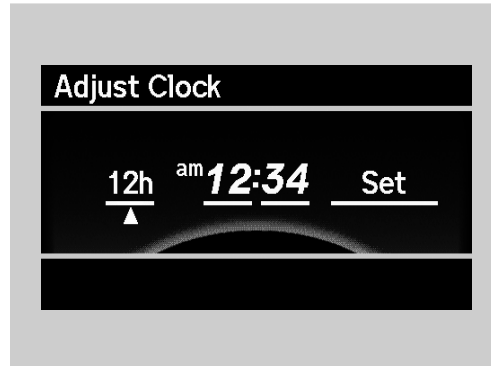
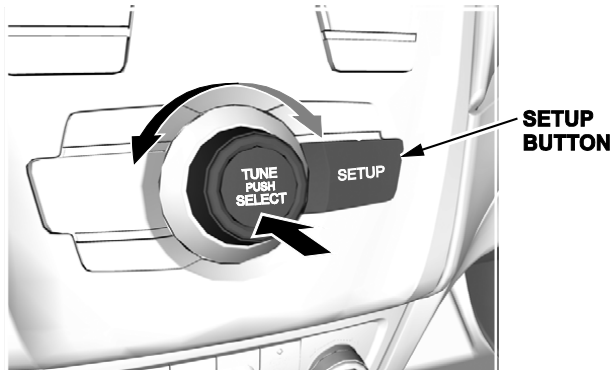


14. Set the Clock (Models Without Navigation)

Models with One Display

1. Press the SETUP button.

MODELS WITH ONE DISPLAY

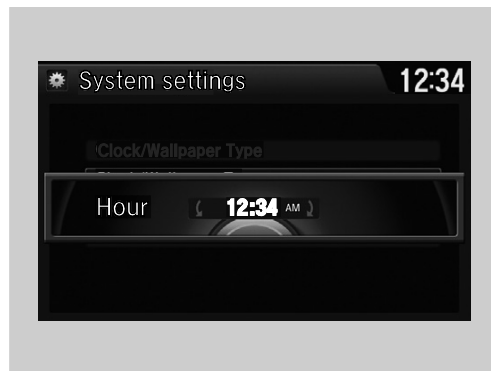
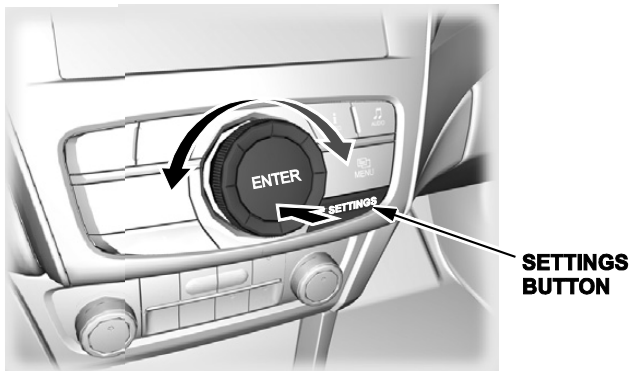


2. Turn the selector knob to **Adjust Clock**, then press the knob.
3. Turn the selector knob to the item you want to adjust (12/24 hour mode, hours, minutes), then press the knob.
4. Turn the selector knob to make the adjustment, then press the knob.
5. Repeat steps 3 and 4 to adjust other items.
6. When you are done, turn the selector knob to **Set**, then press the knob.

Models with Two Displays

1. Press the SETTINGS button.

MODELS WITH TWO DISPLAYS



2. Turn the interface dial to select **System Settings**, then press ENTER.
3. Turn the interface dial to select **Clock**, then press ENTER.
4. Turn the interface dial to select **Clock Adjustment**, then press ENTER.
5. Turn the interface dial to adjust the hours, then press ENTER.
6. Turn the interface dial to adjust the minutes, then press ENTER.

15. Check/Refresh the SiriusXM® Radio Dealer Demo Service (If Equipped, Except in Alaska and Hawaii)

The audio system comes from the factory activated with the SiriusXM® Radio dealer demo service. Once you install the No. 29 fuse, the system receives the full range of available channels. To ensure this service is activated, follow these steps:

1. Set the power mode to ON.
2. Turn on the audio unit, enter the five-digit anti-theft code (if not already done), and select SiriusXM® Radio.
 - *Interface Dial Method:* Press the MENU button. Turn the interface dial to select **Change Source**, then press the ENTER button. Turn the interface dial to select **SXM**, then press the ENTER button.
 - *On Demand Multi-Use Display™ Method:* Select **Audio Source**. Select the SiriusXM icon.
3. Make sure the audio unit is in channel mode, not category mode.
 - *Interface Dial Method:* Press the MENU button. Turn the interface dial to select **XM Tune Mode**, then press the ENTER button. Turn the interface dial to select **Channel Mode**, then press the ENTER button.
 - *On Demand Multi-Use Display™ Method:* Select **More**. Select **XM Tune Mode**, then select **Channel**.
4. Tune to channel **001** (the SiriusXM® preview channel) to make sure you are receiving the signal. If you do not get a clear signal, park the vehicle outside where there is a clear view of the southern sky.
7. While watching the audio display, tune to several channels within the full channel lineup. To see the full list of channels, go to www.siriusxm.com.
 - If you can tune to all of the channels, the dealer demo service is activated. Tune to channel **001**, and leave the audio unit on for **7 minutes** to refresh the dealer demo service. No further action is needed.
 - If you can tune to just a few channels like **000**, **001**, and **247**, the dealer demo service is not yet activated, and you need to do an activation refresh. Go to step 6.
8. Tune to **000**, then write down the eight-character radio ID you see in the audio unit display. You need this ID, your dealer number, and the VIN to do an activation refresh of the dealer demo service. Go to step 7.

NOTE:

- If you cannot tune to channel **000**, you are in category mode. See step 3 to switch from category mode to channel mode.
 - Check the ID carefully. The letters I, O, S, and F are not used.
9. Go to an iN workstation.

NOTE: If you do not have access to the iN, call SiriusXM® Radio at **800-852-9696** and follow the automated menu instructions. When the agent answers, ask for a rapid dealer activation refresh, then go to step 10.
 10. From the iN main menu, click on **SERVICE** and **HCUC XM Radio Demo Activation**. This brings up the **HCUC XM Radio Activation** screen.

NOTE: If you cannot bring up this screen, call the iN Support Center at **800-245-4343**.
 11. Enter the eight-character radio ID that you wrote down in step 6, then click on **Submit**. You will see the **ACTIVATION REFRESH** screen once the ID is recognized.

NOTE: If you enter the ID incorrectly, or if it is not recognized, you will see an error screen. If this happens, follow the screen instructions.
 12. Tune to **001** to make sure you are receiving the signal. If you do not get a clear signal, park the vehicle outside where there is a clear view of the southern sky, then go to step 11.
 13. Leave the audio unit on for at least **10 minutes**, then go to step 12.
 14. While watching the audio unit display, tune to several channels within the full channel lineup.
 - If you can tune to all of the channels, the dealer demo service is activated. No further action is needed.
 - If you can tune to only a few channels like **000**, **001**, and **247**, repeat steps 7 through 12.
 - If, after **2 hours**, you can only tune to channels **000**, **001**, and **247**, call SiriusXM® Radio at **800-852-9696**. When you hear the automated menu, enter priority code **9466** to route your call to an agent. When the agent answers, ask him or her to review the account status and make any needed corrections. If the account status is correct for the vehicle, replace the XM receiver.

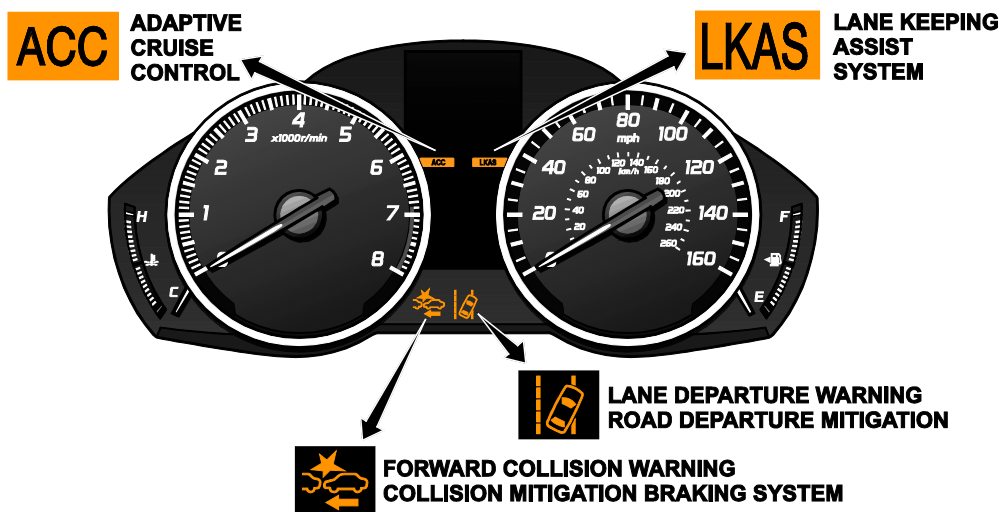
NOTE:

- The dealer demo service lasts for **7 months** or until the vehicle's retail delivery registration (RDR) is submitted, whichever comes first.
- After the vehicle is registered, the dealer demo service converts to a client account. The client gets a **90-day** trial service of all available non-premium channels. If the client decides to end the service after that time, the SiriusXM[®] radio goes back to preview mode. Normal AM/FM radio reception is not affected by ending the service.
- The SiriusXM[®] radio receives digital programming broadcasts from two fixed-orbit satellites near the equator along with a network of ground antennas (repeaters). You will get the strongest signal where there is a clear view of the southern sky.
- The SiriusXM[®] radio may lose reception when driving through a tunnel, under an overpass, inside a parking garage, or near the northern face of a canyon or mountain.
- To cut down on reception loss, the SiriusXM[®] radio uses a buffer. If the reception loss lasts longer than the buffering period, the signal goes silent.
- Because the signal is digital, any reception loss makes it go silent. The signal does not fade like it does with an AM/FM radio.
- If you ever need to replace the XM receiver, call SiriusXM[®] Radio at **800-852-9696**. Be prepared to give your dealer number, the VIN, and the radio ID from the printed label on the side of the old and new receiver units.
- Your client's channel presets will be lost if you disconnect the battery or if it goes dead. Always write down those presets before disconnecting the battery.

16. Check the ACC, Collision Mitigation Braking System/ Forward Collision Warning, LKAS, Lane Departure Warning/Road Departure Mitigation Indicators (If Equipped)

When you first set the power mode to ON, these indicators should come on for a few seconds and then go off:

- ACC (Adaptive Cruise Control)
- Collision Mitigation Braking System/Forward Collision Warning
- LKAS (Lane Keeping Assist System)
- Lane Departure Warning/Road Departure Mitigation



17. Check Bluetooth[®] HandsFreeLink[®] (HFL)

To ensure HFL works and is ready to use, start the engine, then press and hold the Hang-up/Back button on the steering wheel for **2 seconds**. You should hear "The HFT is OK." If you do not hear this message, see the service information for troubleshooting information.