



Applies To: 2006 TSX – ALL

2006 TSX: TQI and New Model Information

This service bulletin gives you the information needed for the TQI of the 2006 TSX. It also describes some of the TSX features, equipment, and service information that differ from other models.

NOTE: For TQI information on the DVD navigation system with voice recognition, refer to service bulletin 05-41, *TQI of the DVD Navigation System With Voice Recognition*, on ISIS.

This bulletin includes these TQI procedures:

- Install the Fuse
- Do the Idle Learn Procedure
- Set the Radio and the Clock
- Install the Floor Mats
- Remove the Interior Protective Coverings
- Peel Off the Switch and Button Film
- Install the Shift Lock Release Cover (A/T models)
- Initialize the Driver's Window Auto-Up/Down Feature
- Install the Front License Plate Holder
- Check the Tire Pressure
- Activate the XM[®] Satellite Radio Demo Service

This bulletin provides this new model information:

- Accessory Installation
- Multi-Information Display (MID)
- Maintenance Minder™
- HandsFreeLink[™]
- DPMS and Keyless Memory Settings[™]
- · Auxiliary Jack Outlet in Center Console

WARRANTY CLAIM INFORMATION

None. The information in this service bulletin is considered part of the TQI.

TQI PROCEDURES

NOTE: Make sure you fill out the TQI checklist in the vehicle's maintenance journal. The journal is in the owner's manual kit in the trunk.

Install the Fuse

To prevent battery drain during vehicle shipment, the No. 15 (40A) Backup fuse is removed from the underhood fuse/relay box and stored in the glove box. Make sure you install this fuse.



Do the Idle Learn Procedure

To avoid an erratic idle, do the idle learn procedure after you install the No. 15 (40A) Backup fuse. Idle learn must also be done after updating or replacing the ECM/PCM.

- 1. Make sure all electrical items (A/C, radio, rear window defogger, lights, etc.) are 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 closed.

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1 of 6

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.

Set the Radio and the Clock

Set the radio and the clock after you install the Backup fuse. Here's how:

- 1. Turn the ignition switch to ON (II), and turn on the radio.
- 2. If not already done, enter the radio anti-theft code.
- 3. Enter a different AM or FM station on each radio preset button. To enter a station, press and hold a preset button until you hear a beep.
- 4. Press and hold the SOUND button on the audio panel until the system beeps.
- 5. Press and hold the H button on the audio panel to set the hour.
- 6. Press and hold the M button on the audio panel to set the minute.
- 7. When you are finished setting the time, press the SOUND button again.

Install the Floor Mats

Floor mats are standard on all models; you'll find them in the trunk. Install them in the appropriate positions.

NOTE: When you install the driver's floor mat, make sure the eyelets are placed over the hooks on the floor.



Remove the Interior Protective Coverings

Each door sill has an inner and outer trim. Remove the protective cover from both trim pieces on each door. Also, remove the protective cover from each inner pillar trim piece.

Peel Off the Switch and Button Film

The faces of most dash switches and buttons are covered with a clear plastic film to protect them during vehicle assembly. Peel the film off at TQI. If you don't, sunlight and high interior temperatures will eventually discolor the film and cause it to stick.

Install the Shift Lock Release Cover (A/T models)

You'll find the shift lock release cover in a small bag in the owner's manual kit. Remove the cover from the bag, and install it into the shift lock release opening on the left side of the shifter.



Initialize the Driver's Window Auto-Up/Down Feature

The driver's window has an auto-up/down feature that you need to initialize during the TQI. To initialize the auto-up/down, do this:

- 1. Make sure the driver's window is fully closed, then push and hold the window switch until the window opens all the way.
- 2. Pull back the window switch, and hold it until the window is fully closed. Continue to hold the switch for another 2 seconds.
- 3. Check the auto-up/down feature: When you firmly push the window switch and release it, the window opens all the way; when you firmly pull back the switch and release it, the window closes all the way.

Install the Front License Plate Holder

The front license plate holder and mounting hardware are in the trunk. If state regulations require that a front license plate be installed, do this:

1. Install the two clip nuts on the bumper brackets.



2. Install the holder using the two black mounting bolts.

NOTE: The four self-tapping screws in the kit attach the front license plate to the holder. The rest of the hardware in the kit is for the rear license plate.

Check the Tire Pressure

To prevent flat spots during shipping and storage, the tires are inflated to 40 to 50 psi. Adjust the cold tire pressures to 32 psi (front) and 30 psi (rear).

NOTE: If you are in a colder climate, make sure the tires are at the outside ambient temperature before setting the pressure.

Activate the XM[®] Satellite Radio Demo Service

All models within the contiguous 48 states are equipped with XM Satellite Radio. During the TQI, you need to activate the XM radio demo service. If you don't activate the service at TQI, the XM radio has only a preview capability. The new vehicle owner will need to return to your dealership to activate the service.

Here's how to activate the demo service:

To check for the dealer demo service and to do a rapid refresh, if needed, do this:

1. Turn the ignition switch to the ACCESSORY (I) or ON (II) position.

- Turn on the radio, enter the 4-digit navigation antitheft code (if not already done), and press the (((XM))) button.
- 3. Press either side of the TUNE bar until **1** is displayed. (Channel 1 is the XM preview channel.) If you can't display channel 1, you're not getting a clear signal; park the vehicle outside where there is a clear view of the southern sky.
- 4. Look at the audio unit display, and press the right side of the TUNE bar.
 - If you can tune to channels 7, 9, 47, and 122, the dealer demo service is already activated. Leave the radio on for 7 minutes to refresh the dealer demo service.
 - If you cannot tune to channels 7, 9, 47, and 122, you need to do an activation refresh. Go to step 5.
- 5. Press the left side of the TUNE bar until 0 (channel 0) is displayed, then write down the eight-digit XM radio ID number you see in the audio unit display. You need this ID number along with the VIN to do an activation refresh of the dealer demo service. NOTE:
 - If you cannot get to channel 0, switch from category mode to channel mode.
 - The ID number does not contain the letters I, O, S, or F.
- 6. Go to an *i*N workstation.

NOTE: If you don't have access to the *I*N, call XM Radio at (800) 852-9696. When you hear the XM automated menu, enter the Honda priority code **9466** to route your call to an XM agent. Ask the agent for a rapid demo activation. Then go to step 9.

 From the *i*N main menu, click on SERVICE. From the Service menu, click on Service Bay. From the Service Bay menu, click on XM Radio. This brings up the DEALER ACTIVATION REFRESH screen.

NOTE: If you cannot bring up the **Dealer Activation Refresh** screen, call the *i*N Support Center at (800) 245-4343.

8. Enter the eight-digit XM radio ID number you wrote down in step 5, then click on **Submit**. Once the ID number is recognized, you will see the **ACTIVATION REFRESH** screen.

NOTE: If you enter the wrong ID number, or if it was not recognized, you will see an error display. If this happens, follow the instructions on the display.

- Make sure the radio is on and tuned to channel 1, then wait for XM to send the activation signal. NOTE:
 - Once XM gets your activation request, it immediately sends an activation signal from its two satellites. XM sends this signal every 10 minutes for up to 2 hours.
 - If you miss the activation window, repeat steps 5 through 8.
- 10. Look at the audio unit display, and press the right side of the TUNE bar.
 - If you can tune to channels 7, 9, 47, and 122, the dealer demo service is activated, and no further action is needed.
 - If you cannot tune to channels 7, 9, 47, and 122, repeat steps 6 through 10.

NOTE:

- The dealer demo service lasts for 12 months or until the vehicle's retail delivery registration (RDR) is submitted. It ends when the RDR is submitted.
- 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 XM channels. If the client decides to end the service after that time, the XM radio reverts to a preview mode. The AM/FM radio is not affected.
- The XM radio receives digital broadcasts from two fixed-orbit satellites near the equator along with a network of ground antennas (repeaters). You will get the strongest signal if you locate the vehicle where there is a clear view of the southern sky.
- The XM radio may lose reception when you are driving through a tunnel, under an overpass, inside a parking garage, or near the northern face of a canyon or a mountain.
- To cut down on reception loss, XM radio uses a buffer. If the reception loss lasts longer than the buffering period, the signal goes silent. Any reception loss makes the signal go silent; the signal does not fade like it does with an AM/FM radio.
- If you ever need to replace the XM radio receiver, call XM Radio at (800) 852-9696. Be prepared to give them your dealer number, the VIN, and the XM radio ID numbers from the printed label on the side of the old and the new receiver units.
- Your client's XM radio presets are lost when the battery is disconnected or if it goes dead. Always write down all audio presets before you disconnect the battery.

NEW MODEL INFORMATION

Accessory Installation

To avoid setting false DTCs, disconnect the battery before you install any electrical accessories. After you install an electrical accessory, enter the radio code, the navigation code (if equipped), and set the clock. And if it's a client's car, enter the radio station presets.

Multi-Information Display (MID)

The TSX has a Multi-Information Display (MID) that keeps the driver aware of vehicle status and provides easy access to several electronic functions. The MID screen is located between the tachometer and the speedometer.



The controls are located on the gauge cluster and on the steering wheel.



In addition to alerting the driver of needed maintenance items, the MID can be used to customize the operating conditions of many electronic features such as auto door locking and unlocking, keyless lock acknowledgement, the security re-lock timer, the headlight auto off timer, and the interior light dimming timer.

The MID also alerts you to potential problems like a loose fuel fill cap, driving with the parking brake set, or an open door.



Maintenance Minder™

The Maintenance Minder is part of the MID. Based on engine operating conditions and accumulated engine revolutions, the Maintenance Minder calculates the remaining engine oil life and displays it as a percentage on the MID.

When the remaining oil life is 15 percent, the Maintenance Minder also displays the code for other scheduled maintenance items needing service at that time. These other maintenance items are displayed on the MID as a main item (alpha digit) followed by a subitem (numeric digit). For example, if the display shows "A 3," it means the engine oil needs to be replaced (main item "A"), and the transmission fluid needs to be replaced (sub-item "3").



The system monitors all scheduled maintenance items and displays the code for them on the MID when they are due for service. Because of this system, there are no fixed maintenance intervals for most items. They vary depending on driving style.

For more information on the Maintenance Minder, refer to the 2006 TSX Service Manual or the 2006 TSX Maintenance Journal.

HandsFreeLink™

To improve driving safety and convenience, all models come with the HandsFreeLink (HFL) system. HFL works with Bluetooth capable cellular phones that have the hands-free profile. Bluetooth is a radio-frequencybased technology that lets portable devices communicate in a wireless environment.

NOTE: The information below outlines the main features of the HFL. For more information, refer to the 2006 TSX Service Manual, visit *www.acura.com*, or call Hands Free Link at (888) 528-7876.

Voice Control

HFL recognizes simple voice commands, such as phone numbers and names. It uses these commands to automatically dial, receive, and store numbers.

Bluetooth Wireless Technology

Bluetooth is the wireless technology that links the phone to the HFL. The HFL uses a Class 3 Bluetooth, which means the maximum range between the phone and vehicle is 30 feet (10 meters) or less.

Incoming/Outgoing Calls

With a linked phone, the HFL allows you to make and receive calls in the vehicle without holding the phone.

Phonebook

The HFL can store up to 50 names and phone numbers in its phonebook. With a linked phone, you can then automatically dial any name or number in the phonebook.

Microphone

The HFL microphone is on the ceiling, between the front seat spotlights. On models with navigation system, the microphone is shared with the navigation system.

Audio System

When the HFL is in use, the sound comes through the vehicle audio system speakers. If the audio system is in use while making a call, the HFL overrides the audio system. To change the volume level of incoming calls, use the audio system volume knob.

HFL Buttons

To operate the HFL, use the HFL Talk and BACK buttons on the left side of the steering wheel. On navigation-equipped vehicles, there are two sets of buttons: one for the navigation, climate control, and audio systems, and the other for the HFL. Here is the function of each HFL button:

HFL Talk: This button is used before you give a command, to answer incoming calls, and to confirm system information.

HFL BACK: This button is used to end a call, go back to the previous voice control command, and to cancel an operation.



VOICE CONTROL BUTTONS

Multi-Information Display

When you are operating the HFL, or when you manually scroll through the Multi-Information Display and select HFL, you will see this information on the screen:

Signal Strength:* Indicates the network signal strength of the current phone call. Five bars equals full strength.

Roam Status:* Indicates your phone is roaming.

HFL Mode: Indicates when you are dialing and receiving calls.

Battery Level Status:* Indicates the state of the phone's battery charge. Five bars equals full battery strength.

Phone Dialing: Indicates the number you entered or the number of the incoming call.



* Some phones do not send this information to the HFL.

NOTE: For a current lists of compatible phones, go to: *www.acura.com/HandsFreeLink*, then, in order, select **Mini-Site/FIND A PHONE/View All**.

DPMS and Keyless Memory Settings™

The Keyless Memory Settings system expands the memory functions of the remote transmitters. Each transmitter can be linked to one of two driver profiles. Using a remote transmitter to unlock the door triggers certain presets such as the seat and the mirror positions. But the new system goes further by retaining the driver's settings for the climate control system and the instrument panel illumination. The system also lets you set other vehicle functions. The settings for these functions are controlled through the Multi-Information Display.



Auxiliary Jack Outlet in Center Console

An auxiliary jack is lin the center console. The jack will accept auxiliary inputs from portable devices such as MP3 players, cassette players, etc. To use the jack, pivot the cover up, then plug in a mini-jack cable between the portable unit and the jack. AUX will appear in the audio display and the system automatically switches to auxiliary mode.

