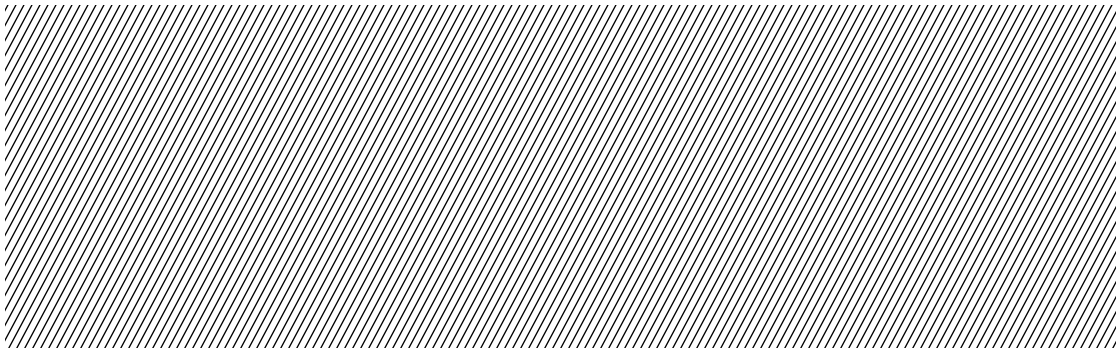




2017

**Pre-Delivery Inspection**  
**Technician Reference Document**





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# Technician Reference Document

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### Technician Reference Document Overview

The Pre-Delivery Inspection Technician Reference Document is designed to be a resource used in hand with the Pre-Delivery Inspection Checklist (PDI). The PDI Checklist has been simplified to make the process more efficient, and in doing so, this document has been created to be used as a reference for checklist items that may have additional information. On the PDI Checklist, you find that certain items have been notated with an asterisk symbol (\*), this lets you know that additional information can be found in this Technician Reference Document.

Below you will find a list of each model, with the page numbers to their left. After navigating to the desired page, you will notice each model page is formatted similarly to the PDI Checklists. After each section title is the original checklist item, followed by any additional information specific to that model.

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3-4 Q7/Q7 TDI



## Q7/Q7 TDI

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### Vehicle Preparation

- ▶ **Deactivate vehicle transport mode**  
Deactivate vehicle transport mode (via Special functions → Service work → 19-Transport mode activating/deactivating)
- ▶ **Set service reminder**  
via Special functions → Service work → 17-PDI-resetting SRI at PDI, counter reset, etc
- ▶ **Perform any open campaigns**  
Follow instructions listed in campaign documentation

### Under the Hood Inspection

- ▶ **Check battery clamps for proper torque**  
Re-torque if required
- ▶ **Perform a battery test**  
Perform the A-battery test for new batteries using GFF in ODIS Diagnosis → Special functions → Service work. Select option 2, the battery test for new batteries as part of the pre-delivery inspection and act according to the test result (ok, recharge, replace). Ensure diagnosis log is uploaded to the GFF paperless server by selecting “ok” when tester wants to send the current generated diagnosis protocol online. (Note: Do not use Guided Function. The diagnosis log will not be uploaded to GFF paperless)
- ▶ **Check engine oil level**  
Fill oil to the max level when the vehicle is at operating temperature

### Exterior

- ▶ **Check all key buttons and features**  
Check functionality of all keys. Verify vehicle starts and runs with all keys and the start/stop button. Verify all doors and trunk remotely lock/unlock with all keys, including all door handle sensors with Advanced Key (if equipped)
- ▶ **Check all doors for proper power closing (if equipped)**  
For vehicles equipped with the power door closing feature, check all doors for proper closing
- ▶ **Test front washers (and headlight washers if equipped)**  
Headlights must be on to test functionality of the headlight washers

### Trunk Inspection

- ▶ **Verify power tailgate is operational and set default opening height**  
Adjust the trunk lid opening height to 75 inches (190 cm) from the ground to the close button in the rear lid. Press and hold the close button in the rear lid for at least four seconds to program the opening height. Verify operation of hands-free release (if equipped)

### Trunk Inspection (continued)

- ▶ **Install wheel bolt cover removal tool from PDI kit into trunk tool kit**  
Install wheel bolt cover removal tool from PDI kit and wheel lock key (if applicable) into trunk tool kit

### Interior

- ▶ **Check operation of windows and locks**  
Check operation of all switches: Locks, windows, and child safety features
- ▶ **Inspect mirrors for proper operation**  
Inspect folding, adjustments, right side tilt in reverse, heating
- ▶ **Check rear view mirror operation**  
Check self-dimming function/lighting
- ▶ **Verify operation front heated seats**  
Ensure seat rail end caps are in place and in tact
- ▶ **Verify operation of manual folding 2nd row and power folding 3rd row seats**  
Controls for the power folding 3rd row are located in the trunk
- ▶ **Verify proper operation of climate control**  
Ensure proper heating and A/C cooling and open all panel vents for all zones
- ▶ **Inspect operation of all power outlets**  
Inspect operation of front outlet, aux. outlet under armrest, and rear outlets
- ▶ **Check panoramic sunroof and sunshade operation**  
Verify open/close/vent/deflector at edge and sunshade operation

### Settings

- ▶ **Verify and set language and Measurement Units**  
This can be changed in the Settings menu
- ▶ **Verify Speech dialog system is operating**  
Press the “Talk” button and verify several commands
- ▶ **Set “Entertain. Fad.” in Parking aid to Medium**  
Via Vehicle > Driver Assistance > Parking Aid
- ▶ **Set dealership location in navigation (if equipped)**  
Set dealership location for following back to dealership during road test



## Q7/Q7 TDI

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### Settings (continued)

#### ► Load Onboard Video Tutorials

Load Onboard Video Tutorials> Turn ignition on> Insert the Onboard DVD into the DVD Drive> Select the CAR function button. System will initialize>Select the Owner's Man. function by selecting the upper right control button> Select "Yes"> Select "CD/DVD"> Select "Start update"> Turn off ignition to start update (the update will take approx. 5 minutes)> Once completed, remove the disk and place back into the case for the next vehicle

### Media / Radio / SAT

#### ► Verify HD Radio is turned "off"

This can be found in the Radio/Settings Menu

### Audi connect (USA ONLY) (if equipped)

#### ► Verify Audi connect Information Packet is present (if equipped)

Verify Audi connect Information Packet is present, including Audi brochure, AT&T brochure, customer SIM card, AT&T Terms & Conditions (T&C)(if applicable)

#### ► Verify system connects to mobile network (if equipped)

Make sure the system fully connects to the wireless network (LTE symbol with service bars)(only applies if in an AT&T service area)

#### ► Turn on the wireless network (if equipped)

Ensure the wireless network is turned on (Telephone > Options > Wi-Fi options > Wi-Fi Mode "Hotspot")

#### ► Check Wi-Fi hotspot functionality (if equipped)

Check Wi-Fi hotspot functionality is enabled and verify the Access point (SSID) is set to "Audi\_MMI\_XXXX," where XXXX is the last four digits of VIN, via Telephone > Options > Wi-Fi options > Wi-Fi Mode "Hotspot" > Hotspot settings > Access point (SSID)

#### ► Enable Google Earth (if equipped)

Enable Google Earth in the navigation settings and verify the white Google Logo appears next to the LTE symbol

### On-Hoist Inspection

#### ► Inspect wheel bolts for proper torque

Use torque wrench to verify

#### ► Install wheel bolt covers and center caps as supplied

Wheel bolt covers and center caps can be found in the PDI kit

### On-Hoist Inspection (continued)

#### ► Set and store tire pressures for either sold vehicle OR stock inventory vehicle

If a known "sold" unit, set to appropriate Normal Load Condition. See separate "2017 Normal Load Condition Tire Pressure Table" posted on ServiceNet. If going to stock, set to maximum recommended tire pressures listed on the B-pillar doorjamb, and store tire pressure values in Car/System menu

### Driving Performance

#### ► Verify engine performance and acceleration

Listen for abnormal noise/vibrations

#### ► Verify engine Start-Stop System functionality

Verify the velum sticker is on the start/stop button. Remove the start/stop information card from the car kit and place it in the glove box with the owner's manuals. Additional supply can be ordered via the Brand Store on AccessAudi

#### ► Test drive vehicle applying brakes several times

Apply brakes at least 4 times at 20 mph (35 km/h) to clean brake rotors. Check for abnormal noise/ vibration/pulsation

#### ► Verify operation of all-wheel steering with vehicle speed-dependent control (if equipped)

All-wheel steering with vehicle speed-dependent control counter-steers under 37 mph and dynamic parallel-steers above 50 mph (if equipped)

### Driver Assistance

#### ► Verify Audi side assist functionality Pre sense rear (if equipped)

Includes Rear cross traffic alert and Vehicle exit assist (if equipped)

#### ► Verify all vehicle Head-up display functionality (if equipped)

Verify the image can be adjusted properly in the viewing area of the windshield. Verify NAV directions, speed, cruise control, and lane assist are all visible in Head-Up Display (as equipped)

#### ► Verify operation of parking system plus

Verify operation of Audi Parking aid with rear view camera and top and/or corner view cameras (if equipped)