

2022

Pre-Delivery Inspection Technician Reference Document

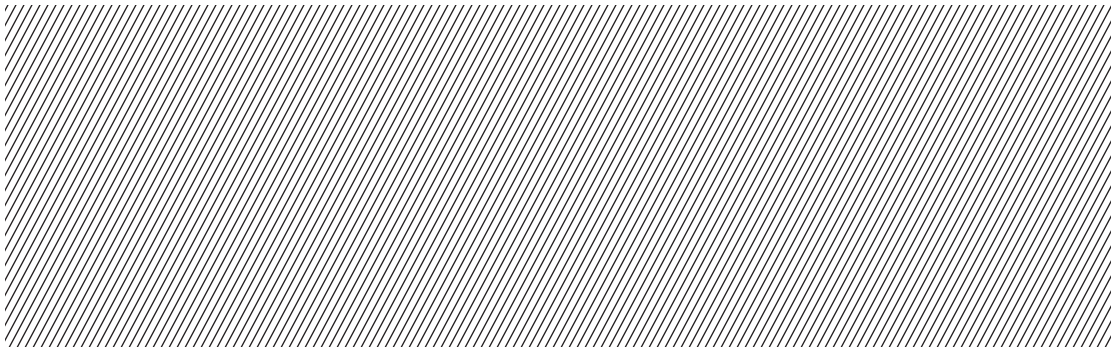


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Technician Reference Document

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 e-tron

e-tron/Sportback/GT

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Vehicle Preparation

- ▶ **Perform any open campaigns**
Follow instructions listed in campaign documentation
- ▶ **Perform diagnostic work**
Connect vehicle diagnostic tester
 - ▶ Select “Diagnosis” mode and start diagnosis
 - ▶ Perform vehicle identification
 - ▶ Untick “Working with Guided Fault Finding”
 - ▶ Switch to “Special functions” tab and select following program:
Delivery Inspection total
 - ▶ Start program by selecting “Carry out check”
 - ▶ Continue to follow instructions on screen and complete the process
 - ▶ Switch to the “Control units” tab, press the “Guided Fault Finding” button and launch Guided Fault Finding as far as the test plan
 - ▶ The static event memory entries must be evaluated and, if necessary, processed using Guided Fault Finding
 - ▶ Exit diagnosis; diagnostic log for delivery inspection is sent automatically
- ▶ **Install front license plate carrier (if necessary)**
 - ▶ Retain any removed trim required for carrier installation and give to the customer. If no front license plate carrier is necessary ensure the carrier remains in the trunk for the customer

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**
For vehicles equipped with the power door closing feature, check all doors for proper closing

Lighting and Windshield

- ▶ **Test front washers (and headlight washers if equipped). Correct aim if necessary**
Headlights must be on to test functionality of the headlight washers

Trunk Inspection

- ▶ **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 window, lock, and seat controls**
Check operation of all switches: Locks, windows, seat adjustment, heated seats and child safety features
- ▶ **Inspect mirrors for proper operation**
Inspect folding, adjustments, right side tilt in reverse, heating (if equipped)
- ▶ **Check rear view mirror operation**
Check self-dimming function/lighting (if equipped)
- ▶ **Verify operation of heated/ventilated and massaging seats (front/rear) (if equipped)**
Check both front and rear. Massaging feature is in the front seats only (if equipped)
- ▶ **Verify proper operation of climate control**
Ensure proper heating and A/C cooling, 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 (if equipped)**
Verify open/close/vent/deflector at edge and sunshade operation

Settings

- ▶ **Set Time source setting to “GPS” and set Auto daylight savings time to “on”**
Change time zone appropriate to the dealer location
- ▶ **Verify and set language**
This can be changed in the Settings menu by going to Home > Settings > Language & Keyboard
- ▶ **Verify and set measurement units**
This can be changed in the Settings menu by going to Home > Settings > General > Measurement Units
- ▶ **Verify Speech Dialog System is operating**
Press the “Talk” button and verify several commands
- ▶ **Set “Entertain. Fad.” in Parking aid to an audible level**
Via “Home > Vehicle > Parking Aid”

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Settings (continued)

- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, “Home > Vehicle > Parking Aid” (applies to vehicles with park assist or rear view camera)
- ▶ **Set dealership location in navigation (if equipped)**
Set dealership location for following back to dealership during road test
- ▶ **Turn off Manual Speed Warning (if equipped)**
This can be changed in the Driver Assistance settings by going to Home > Vehicle > Driver Assistance > Speed Warning > Manual Warning Threshold = “off”
- ▶ **Disable climate control via door unlock**
Main screen => Vehicle => Climate control => select small temperature gauge symbol in upper right section => settings (“wheel” upper right) => unselect (disable) “Start A/C after unlocking”. Check and adjust, if needed. Button position “off”, in left position

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Home > Radio > Gear icon (top right corner)

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 can be found in the PDI kit
- ▶ **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 “Audi Normal Load Condition Tire Pressure Table” posted on ServiceNet. If going to stock, set to maximum recommended tire pressures listed on the B-pillar door jamb, and store tire pressure values in Home > Vehicle > Settings & Service > Tire pressure monitoring

Driving Performance

- ▶ **Verify electric motor performance and acceleration**
Listen for abnormal noise/vibrations
- ▶ **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

Driving Performance (continued)

- ▶ **Calibrate rear view mirror**
Calibrate rear view mirror compass to proper zone and check self-dimming function/lighting (if equipped)

Driver Assistance

- ▶ **Verify operation of parking system**
Verify operation of Audi parking system sensors with rear view camera (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)

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Home > Settings > Connection Settings > Wi-Fi > Wi-Fi hotspot settings)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI (if equipped)**
Check Wi-Fi® hotspot functionality is enabled and verify the SSID is set to “AUDI_MMI_XXXX”, where XXXX = the last four digits of the VIN are automatically preset in the system
- ▶ **Enable satellite map view for navigation (if equipped)**
Enable satellite map view in the Home > Navigation > Gear Icon (top right corner) > Map Settings > Satellite map, and verify the satellite imagery appears in the navigation map screen