

2019

**Pre-Delivery Inspection
Technician Reference Document**

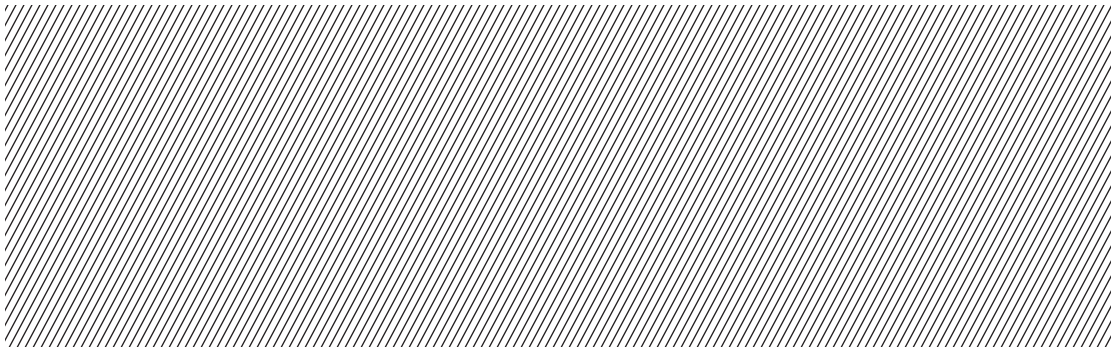


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Technician Reference Document

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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A3 Sedan & Cabriolet/S3/RS 3

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Vehicle Preparation

- ▶ **Perform any open campaigns**
Follow instructions listed in campaign documentation
- ▶ **Deactivate vehicle transport mode**
Deactivate vehicle transport mode (via Special functions → Service work → 19-Transport mode activating/deactivating)
- ▶ **Set adaption channel to enable CD Ripping using Guided Functions (if equipped with NAV)**
Set adaptation channel (via Control Module list → 5F → Guided Functions → 5F Adaption). Also referred to as CD Ripping. Perform 3 button reset of the MMI to complete the activation. Refer to the owners manual for model specific button sequence
- ▶ **Set service reminder**
via Special functions → PDI Service → 17-PDI-resetting SRI at PDI, counter reset, etc

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)

Lighting and Windshield

- ▶ **Test front washers (and headlight washers on S3 and RS 3)**
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
- ▶ **Verify temporary inflatable spare tire is present (A3 Sedan, S3, and A3 Cabriolet FWD only)**
See separate “2019 Normal Load Condition Tire Pressure Table” posted on ServiceNet
- ▶ **Check battery clamps for proper torque**
Refer to Elsa Pro for specification

Interior

- ▶ **Check operation of window, lock, and seat controls**
Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) and child safety features

Interior (continued)

- ▶ **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
- ▶ **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 (Sedan only)**
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” (if equipped)***
Change time zone appropriate to dealer location
- ▶ **Verify and set language and measurement units**
This can be changed in the Settings menu by going to Menu > Vehicle > Vehicle settings
- ▶ **Verify Speech Dialog System is operating (if equipped)**
Press the “Talk” button and verify several commands
- ▶ **Set “Entertain. Fad.” in Parking aid to an audible level (if equipped)**
Via “Menu > Vehicle > Left Option > Driver Assistance > Parking Aid”
- ▶ **Set dealership location in navigation (if equipped)**
Set dealership location for following back to dealership during road test
- ▶ **Turn off Manual Speed Warning**
This can be changed in the Driver Assistance Settings by going to Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select OffMedia / Radio / SAT

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu



A3 Sedan & Cabriolet/S3/RS 3

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Audi connect® (USA ONLY) (if equipped)

► Turn on the Wi-Fi® hotspot (if equipped)

Ensure the wireless network is turned on (Telephone > Right Option > Wi-Fi® options > Wi-Fi® “On”)

► 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 “AUDIXXXXX”, where XXXXX = the last five digits of VIN that are automatically preset in the system

► Enable Google Earth view for navigation (if equipped)

Enable Google Earth view in the Navigation > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the MMI screen 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

► 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 “2019 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 Car/System menu

Driving Performance

► 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

► Verify engine 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

► 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 Audi parking system (if equipped)

Verify operation of Audi parking system sensors with rear view camera (if equipped)

Cabriolet Functionality

► Test operation of power folding top

Perform with engine running to conserve battery power

Post-Road Test Inspection

► Perform a battery test

Perform the A-battery test for new batteries using GFF in ODIS Diagnosis > Special functions > PDI Service. 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 server)

► Check engine oil level

Fill oil to the max level when the vehicle is at operating temperature

A4/S4/A4 allroad

Technician Reference Document

Vehicle Preparation

▶ **Perform any open campaigns**

Follow instructions listed in campaign documentation

▶ **Run PDI Total Test**

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

▶ **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

▶ **Set adaption channel to enable CD Ripping using Guided Functions (if equipped with NAV)**

Set adaptation channel (via Control Module list -> 5F -> Guided Functions -> 5F Adaption). Also referred to as CD Ripping. Perform 3 button reset of the MMI to complete the activation. Refer to the owners manual for model specific button sequence

▶ **Set service reminder**

via Special functions -> PDI service -> 17-PDI-resetting SRI at PDI, counter reset, etc

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)

Lighting and Windshield

▶ **Test front washers (and headlight washers if equipped)**

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

▶ **Set spare tire pressure**

See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

▶ **Check battery clamps for proper torque**

Refer to Elsa Pro for specification

Interior

▶ **Check operation of window, lock, and seat controls**

Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) 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 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

▶ **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 and measurement units**

This can be changed in the Settings menu by going to Menu > Vehicle > Vehicle settings

▶ **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 "Menu > Vehicle > Left Option > Driver Assistance > Parking Aid"



A4/S4/A4 allroad

Technician Reference Document

Settings (continued)

- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Right Option > Wi-Fi® options > Wi-Fi® “On”)
- ▶ **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 “AUDIXXXXX”, where XXXXX = the last five digits of VIN that are automatically preset in the system
- ▶ **Enable Google Earth view for navigation (if equipped)**
Enable Google Earth view in the Navigation > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the MMI screen 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
- ▶ **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 “2019 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 Car/System menu

Driving Performance

- ▶ **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
- ▶ **Verify engine 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
- ▶ **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 (if equipped)**
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)

Post-Road Test Inspection

- ▶ **Check engine oil level**
Fill oil to the max level when the vehicle is at operating temperature



A5/S5/RS 5

Technician Reference Document

Vehicle Preparation

▶ **Perform any open campaigns**

Follow instructions listed in campaign documentation

▶ **Run PDI Total Test**

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

▶ **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

▶ **Set adaption channel to enable CD Ripping using Guided Functions (if equipped with NAV)**

Set adaptation channel (via Control Module list -> 5F -> Guided Functions -> 5F Adaption). Also referred to as CD Ripping. Perform 3 button reset of the MMI to complete the activation. Refer to the owners manual for model specific button sequence

▶ **Set service reminder**

via Special functions -> PDI service -> 17-PDI-resetting SRI at PDI, counter reset, etc.

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)

Lighting and Windshield

▶ **Test front washers (and headlight washers if equipped)**

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

▶ **Set spare tire pressure**

See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

▶ **Check battery clamps for proper torque**

Refer to Elsa Pro for specification

Interior

▶ **Check operation of window, lock, and seat controls**

Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) 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 proper operation of climate control**

Ensure proper heating and A/C cooling and open all panel vents

▶ **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

▶ **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 and measurement units**

This can be changed in the Setup/Settings menu

▶ **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 Menu > Vehicle > Driver Assistance > Parking Aid

▶ **Set "Music volume while parking" to medium**

Accessed via MMI rear view camera display, Settings > Music volume while parking (applies to vehicles with park assist or rear view camera)



A5/S5/RS 5

Technician Reference Document

Settings (continued)

- ▶ **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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual->Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Right Option > Wi-Fi® options > Wi-Fi® “On”)
- ▶ **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 “AUDIXXXXX”, where XXXXX = the last five digits of VIN that are automatically preset in the system
- ▶ **Enable Google Earth view for navigation (if equipped)**
Enable Google Earth view in the Navigation > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the MMI screen next to the LTE symbol.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers and center caps can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify
- ▶ **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 “2019 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 Car/System menu

Driving Performance

- ▶ **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

Driving Performance (continued)

- ▶ **Verify engine 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
- ▶ **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 (if equipped)**
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)

Convertible Functionality (if equipped)

- ▶ Test operation of power folding top
Perform with engine running to conserve battery power

Post-Road Test Inspection

- ▶ **Check engine oil level**
Fill oil to the max level when the vehicle is at operating temperature

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Technician Reference Document

Vehicle Preparation

- ▶ **Perform any open campaigns**
Follow instructions listed in campaign documentation
- ▶ **Run PDI Total Test**
In this test program, the following steps of the PDI will be performed:
 - Deactivate transport mode
 - Deactivate loading mode (if required)
 - Reset service interval display
 - 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below
- ▶ **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**
Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information
Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"
Cycle the ignition off/on, and clear the DTC using Self-diagnosis
- ▶ **Deactivate air suspension loading mode (if equipped)**
via Special Functions -> Service Work -> 34-Loading mode activating/deactivating **Warning! Car body may lower!**
- ▶ **Set service reminder**
via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc.

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

Lighting and Windshield

- ▶ **Test front washers (and headlight washers if equipped)**
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
- ▶ **Set spare tire pressure**
See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet
- ▶ **Check battery clamps for proper torque**
Refer to Elsa Pro for specification
- ▶ **Place one PR Number Label in the Warranty and Maintenance Book inside front cover and one on the Rear Panel Sill Frame under the luggage compartment floor, if not already there**
For vehicles produced prior to September 12, 2018

Labels are located in the trunk on top of spare tire

Rear Panel Sill Frame location: Top Arrow

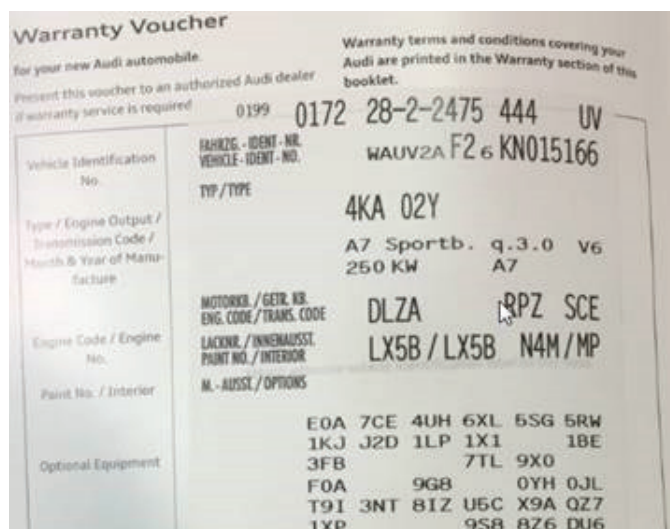


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Trunk Inspection (continued)

Warranty and Maintenance inside cover placement



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 (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 sunroof and sunshade operation**
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 and measurement units**
This can be changed in the Setup/Settings menu
- ▶ **Verify Speech Dialog System is operating**
Press the “Talk” button and verify several commands
- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot”)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI due to dealer demo mode (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 the VIN. Via Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot” > Hotspot settings > Access point (SSID)
- ▶ **Enable satellite map for navigation (if equipped)**
Enable satellite map in the Navigation > Gear icon > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the Navigation map screen.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify





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Technician Reference Document

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 “2019 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 Car/System menu

Driving Performance

► **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

► **Verify engine 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

► **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)

Post-Road Test Inspection

► **Check engine oil level**

Fill oil to the max level when the vehicle is at operating temperature

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Technician Reference Document

Vehicle Preparation

► **Perform any open campaigns**

Follow instructions listed in campaign documentation

► **Run PDI Total Test**

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

► **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

► **Deactivate air suspension loading mode (if equipped)**

via Special Functions -> Service Work -> 34-Loading mode activating/deactivating **Warning! Car body may lower!**

► **Set service reminder**

via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc.

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

Lighting and Windshield

► **Test front washers (and headlight washers if equipped)**

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

► **Set spare tire pressure**

See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

► **Check battery clamps for proper torque**

Refer to Elsa Pro for specification

► **Place one PR Number Label in the Warranty and Maintenance Book inside front cover and one on the Rear Panel Sill Frame under the luggage compartment floor, if not already there**

For vehicles produced prior to September 12, 2018

Labels are located in the trunk on top of spare tire

Rear Panel Sill Frame location: Top Arrow

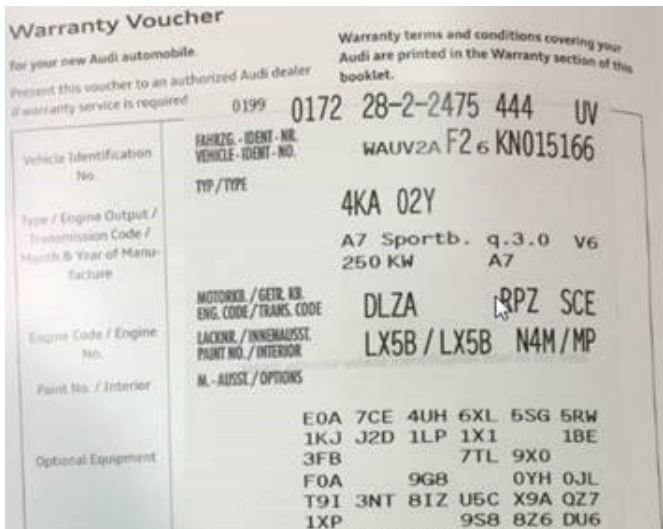


A7

Technician Reference Document

Trunk Inspection (continued)

Warranty and Maintenance inside cover placement



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 (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 sunroof and sunshade operation**
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 and measurement units**
This can be changed in the Setup/Settings menu
- ▶ **Verify Speech Dialog System is operating**
Press the “Talk” button and verify several commands
- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (applies to vehicles with park assist or rear view camera)
- ▶ **Set dealership location in navigation**
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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot”)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI due to dealer demo mode (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 the VIN. Via Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot” > Hotspot settings > Access point (SSID)
- ▶ **Enable satellite map for navigation (if equipped)**
Enable satellite map in the Navigation > Gear icon > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the Navigation map screen.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify





A7

Technician Reference Document

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 “2019 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 Car/System menu

Driving Performance

► **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

► **Verify engine 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

► **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)

Post-Road Test Inspection

► **Check engine oil level**

Fill oil to the max level when the vehicle is at operating temperature

A8 L

Technician Reference Document

Vehicle Preparation

▶ **Perform any open campaigns**

Follow instructions listed in campaign documentation

▶ **Run PDI Total Test**

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

▶ **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

▶ **Deactivate air suspension loading mode (if equipped)**

via Special Functions -> Service Work -> 34-Loading mode activating/deactivating **Warning! Car body may lower!**

▶ **Set service reminder**

via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc.

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)**

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

▶ **Set spare tire pressure**

See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

▶ **Check battery clamps for proper torque**

Refer to Elsa Pro for specification

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 (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**

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 and measurement units**

This can be changed in the Setup/Settings menu

▶ **Verify Speech Dialog System is operating**

Press the "Talk" button and verify several commands



A8 L

Technician Reference Document

Settings (continued)

- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot”)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI due to dealer demo mode (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 the VIN. Via Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot” > Hotspot settings > Access point (SSID)
- ▶ **Enable satellite map for navigation (if equipped)**
Enable satellite map in the Navigation > Gear icon > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the Navigation map screen.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify
- ▶ **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 “2019 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 Car/System menu

Driving Performance

- ▶ **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
- ▶ **Verify engine 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
- ▶ **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)

Post-Road Test Inspection

- ▶ **Check engine oil level**
Fill oil to the max level when the vehicle is at operating temperature



**e-tron****Technician Reference Document****Vehicle Preparation****▶ Perform any open campaigns**

Follow instructions listed in campaign documentation

▶ Run PDI Total Test

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

▶ Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

▶ Deactivate air suspension loading mode (if equipped)

via Special Functions -> Service Work -> 34-Loading mode activating/deactivating **Warning! Car body may lower!**

▶ Set service reminder

via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc.

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)**

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

▶ Set spare tire pressure

See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

▶ Check battery clamps for proper torque

Refer to Elsa Pro for specification

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

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 and measurement units

This can be changed in the Setup/Settings menu

▶ Verify Speech Dialog System is operating

Press the "Talk" button and verify several commands

e-tron

Technician Reference Document

Settings (continued)

- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot”)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI due to dealer demo mode (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 the VIN. Via Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot” > Hotspot settings > Access point (SSID)
- ▶ **Enable satellite map for navigation (if equipped)**
Enable satellite map in the Navigation > Gear icon > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the Navigation map screen.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify
- ▶ **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 “2019 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 Car/System menu

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
- ▶ **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)

Q5/SQ5

Technician Reference Document

Vehicle Preparation

► Perform any open campaigns

Follow instructions listed in campaign documentation

► Run PDI Total Test

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

► Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

► Deactivate air suspension loading mode (if equipped)

via Special Functions -> Service Work -> 34-Loading mode activating/deactivating Warning! Car body may lower!

► Set adaption channel to enable CD Ripping using Guided Functions (if equipped with NAV)

Set adaptation channel (via Control Module list -> 5F -> Guided Functions -> 5F Adaption). Also referred to as CD Ripping. Perform 3 button reset of the MMI to complete the activation. Refer to the owners manual for model specific button sequence

► Set service reminder

via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc.

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 manually and 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

Exterior (continued)

► Prepare the base bars for customer delivery (install bars only upon customer request)

Install the rubber strips to the top of the base carrier bars (do not install the carrier bars on the vehicle unless customer has requested). Repackage the bars into the box if they are not being installed on the vehicle. Retrieve the paper with the torque wrench key code from the base carrier bar box. Insert the paper with the key code into the owner's literature wallet. Record torque wrench key code in the VDF to ensure it's documented in the event the paper with the code is misplaced

Lighting and Windshield

► 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 77.7 inches (197 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

► Install wheel bolt cover removal tool from PDI kit into trunk lid toolkit

Install wheel bolt cover removal tool from PDI kit and wheel lock key (if applicable) into trunk tool kit to the right of the spare tire

► Set spare tire pressure

See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

► Check battery clamps for proper torque

Refer to Elsa Pro for specification

Interior

► Check operation of window, lock, and seat controls

Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) and child safety features

► Inspect mirrors for proper operation

Inspect folding, adjustments, right side tilt in reverse, heating (if equipped)

Q5/SQ5

Technician Reference Document

Interior (continued)

- ▶ **Check rear view mirror operation**
Check self-dimming function/lighting (if equipped)
- ▶ **Verify proper operation of climate control**
Ensure proper heating and A/C cooling and open all panel vents
- ▶ **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

- ▶ **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 and measurement units**
This can be changed in the Setup/Settings menu
- ▶ **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 “ Menu > Vehicle > Left Option > Drive Assistance > Parking Aid”
- ▶ **Set “Music volume while parking” to 6 lines**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual->Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Right Option > Wi-Fi® options > Wi-Fi® “On”)

Audi connect® (USA ONLY) (if equipped) (continued)

- ▶ **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 “AUDIXXXXX”, where XXXXX = the last five digits of VIN that are automatically preset in the system
- ▶ **Enable Google Earth view for navigation (if equipped)**
Enable Google Earth view in the Navigation > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the MMI screen next to the LTE symbol.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers and center caps can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify
- ▶ **Set and store tire pressures for either sold vehicle OR stock inventory vehicle (See separate “2019 Normal Load Condition Tire Pressure Table” posted on ServiceNet)**
If a known “sold” unit, set to appropriate Normal Load Condition. See separate “2019 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 Car/System menu

Driving Performance

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

Q5/SQ5**Technician Reference Document**

Driver Assistance (continued)**► 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)

Post-Road Test Inspection**► Check engine oil level**

Fill oil to the max level when the vehicle is at operating temperature

Q7

Technician Reference Document

Vehicle Preparation

► **Perform any open campaigns**

Follow instructions listed in campaign documentation

► **Run PDI Total Test**

In this test program, the following steps of the PDI will be performed:

- Deactivate transport mode
- Deactivate loading mode (if required)
- Reset service interval display
- 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below

► **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**

Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information

Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"

Cycle the ignition off/on, and clear the DTC using Self-diagnosis

► **Set adaption channel to enable CD Ripping using Guided Functions (if equipped with NAV)**

Set adaptation channel (via Control Module list -> 5F -> Guided Functions -> 5F Adaption). Also referred to as CD Ripping. Perform 3 button reset of the MMI to complete the activation. Refer to the owners manual for model specific button sequence

► **Set service reminder**

via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc

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 manually and 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

Lighting and Windshield

► **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 to maximum opening height (if equipped)**

Press and hold the close button in the rear lid for at least four seconds to program the opening height. Verify operation of handsfree release (if equipped)

► **Install wheel bolt cover removal tool from PDI kit into trunk lid toolkit**

Install wheel bolt cover removal tool from PDI kit and wheel lock key (if applicable) into trunk tool kit to the right of the spare tire

► **Check battery clamps for proper torque**

Refer to Elsa Pro for specification

Interior

► **Check operation of window, lock, and seat controls**

Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) and child safety features

► **Inspect mirrors for proper operation**

Inspect folding, adjustments, right side tilt in reverse, heating (if equipped) and child safety features

► **Check rear view mirror operation**

Check self-dimming function/lighting (if equipped)

► **Verify operation of heated/ventilated and massaging seats (if equipped)**

Check both front and rear. Massaging feature is in the front seats only (if equipped)

► **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

► **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





Q7

Technician Reference Document

Settings

- ▶ **Verify and set language and measurement units**
This can be changed in the Setup/Settings menu
- ▶ **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 “ Menu > Vehicle > Left Option > Drive Assistance > Parking Aid”
- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Right Option > Wi-Fi® options > Wi-Fi® “On”)
- ▶ **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 “AUDIXXXXX”, where XXXXX = the last five digits of VIN that are automatically preset in the system
- ▶ **Enable Google Earth view for navigation (if equipped)**
Enable Google Earth view in the Navigation > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the MMI screen next to the LTE symbol

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers and center caps can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify

On-Hoist Inspection (continued)

- ▶ **Set and store tire pressures for either sold vehicle OR stock inventory vehicle (See separate “2019 Normal Load Condition Tire Pressure Table” posted on ServiceNet)**
If a known “sold” unit, set to appropriate Normal Load Condition. See separate “2019 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 Car/System menu

Driving Performance

- ▶ **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
- ▶ **Verify engine 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
- ▶ **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)

Post-Road Test Inspection

- ▶ **Check engine oil level**
Fill oil to the max level when the vehicle is at operating temperature



Q8

Technician Reference Document

Vehicle Preparation

- ▶ **Perform any open campaigns**
Follow instructions listed in campaign documentation
- ▶ **Run PDI Total Test**
In this test program, the following steps of the PDI will be performed:
 - Deactivate transport mode
 - Deactivate loading mode (if required)
 - Reset service interval display
 - 12 volt battery test

If vehicle doesn't deactivate Vehicle Transport Mode or Flight Mode, please follow the steps below
- ▶ **Deactivate Flight Mode for Telematics Control Unit (ConBox) using Self-Diagnosis Adaptation**
Note: The VAS 6154 diagnostic head is required. Reference TSB 2052299 for more information
Manually adapt flight mode for ConBox: Self-diagnosis >> Go to address 0075 >> Adaption values "Basis connect function" >> Flight mode >> Deactivate and choose "Apply"
Cycle the ignition off/on, and clear the DTC using Self-diagnosis
- ▶ **Deactivate air suspension loading mode (if equipped)**
via Special Functions -> Service Work -> 34-Loading mode activating/deactivating Warning! Car body may lower!
- ▶ **Set service reminder**
via Special functions -> PDI Service -> 17-PDI-resetting SRI at PDI, counter reset, etc

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 manually and 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

Lighting and Windshield

- ▶ **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 to maximum opening height (if equipped)**
Press and hold the close button in the rear lid for at least four seconds to program the opening height. Verify operation of handsfree release (if equipped)
- ▶ **Install wheel bolt cover removal tool from PDI kit into trunk lid toolkit**
Install wheel bolt cover removal tool from PDI kit and wheel lock key (if applicable) into trunk tool kit to the right of the spare tire
- ▶ **Check battery clamps for proper torque**
Refer to Elsa Pro for specification
- ▶ **Set spare tire pressure**
See separate "2019 Normal Load Condition Tire Pressure Table" posted on ServiceNet

Interior

- ▶ **Check operation of window, lock, and seat controls**
Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) and child safety features
- ▶ **Inspect mirrors for proper operation**
Inspect folding, adjustments, right side tilt in reverse, heating (if equipped) and child safety features
- ▶ **Check rear view mirror operation**
Check self-dimming function/lighting (if equipped)
- ▶ **Verify operation of heated/ventilated and massaging seats (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 and open all panel vents
- ▶ **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

- ▶ **Set Time source setting to "GPS" and set Auto daylight savings time to "on."**
Change time zone appropriate to the dealer location





Q8

Technician Reference Document

Settings (continued)

- ▶ **Verify and set language and measurement units**
This can be changed in the Setup/Settings menu
- ▶ **Verify Speech Dialog System is operating**
Press the “Talk” button and verify several commands
- ▶ **Set “Music volume while parking” to medium**
Accessed via MMI rear view camera display, Settings > Music volume while parking (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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual > Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot”)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI due to dealer demo mode (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 the VIN. Via Telephone > Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot” > Hotspot settings > Access point (SSID)
- ▶ **Enable satellite map for navigation (if equipped)**
Enable satellite map in the Navigation > Gear icon > Map Settings and verify the white Google logo appears in the bottom right-hand corner of the Navigation map screen.

On-Hoist Inspection

- ▶ **Install wheel bolt covers and center caps as supplied**
Wheel bolt covers and center caps can be found in the PDI kit
- ▶ **Inspect wheel bolts for proper torque**
Use torque wrench to verify

On-Hoist Inspection (continued)

- ▶ **Set and store tire pressures for either sold vehicle OR stock inventory vehicle (See separate “2019 Normal Load Condition Tire Pressure Table” posted on ServiceNet)**
If a known “sold” unit, set to appropriate Normal Load Condition. See separate “2019 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 Car/System menu

Driving Performance

- ▶ **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
- ▶ **Verify engine 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
- ▶ **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)

Post-Road Test Inspection

- ▶ **Check engine oil level**
Fill oil to the max level when the vehicle is at operating temperature



TT Coupe & Roadster/TTS/TT RS

Technician Reference Document

Vehicle Preparation

- ▶ **Perform any open campaigns**
Follow instructions listed in campaign documentation
- ▶ **Deactivate vehicle transport mode**
This step must be performed with the ignition on/engine off or the 03 brake module may remain in transport mode. See TSB 2042954 for resolution

Deactivate vehicle transport mode (via Special functions > PDI service > 19-Transport mode activating/deactivating.)
- ▶ **Set adaption channel to enable CD Ripping using Guided Functions (if equipped with NAV)**
Set adaptation channel (via Control Module list -> 5F -> Guided Functions -> 5F Adaption). Also referred to as CD Ripping. Perform 3 button reset of the MMI to complete the activation. Refer to the owners manual for model specific button sequence
- ▶ **Set service reminder**
via Special functions -> PDI service -> 17-PDI-resetting SRI at PDI, counter reset, etc

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)

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
- ▶ **Set spare tire pressure (NA for TT RS)**
See separate “2019 Normal Load Condition Tire Pressure Table” posted on ServiceNet under Pre-Delivery Inspection
- ▶ **Check battery clamps for proper torque**
Refer to Elsa Pro for specification

Interior

- ▶ **Check operation of window, lock, and seat controls**
Check operation of all switches: Locks, windows, seat adjustment, heated seats (if equipped) and child safety features
- ▶ **Inspect mirrors for proper operation**
Inspect folding, adjustments, right side tilt in reverse, heating

Interior (continued)

- ▶ **Check rear view mirror operation**
Check self-dimming function/lighting (if equipped)
- ▶ **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

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 and measurement units**
This can be changed in the Settings menu by going to Menu > Vehicle > Vehicle settings
- ▶ **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 “Menu > Vehicle > Left Option > Driver Assistance > Parking Aid”
- ▶ **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 Menu > Vehicle > Driver Assistance > Speed Warning > Manual->Select Off

Media / Radio / SAT

- ▶ **Verify HD Radio is turned “off”**
This can be found in the Radio/Settings Menu

Audi connect® (USA ONLY) (if equipped)

- ▶ **Turn on the Wi-Fi® hotspot (if equipped)**
Ensure the wireless network is turned on (Telephone > Right Options > Wi-Fi® options > Wi-Fi® Mode “Hotspot”)
- ▶ **Check Wi-Fi® hotspot visibility. No data available at PDI (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)



TT Coupe & Roadster/TTS/TT RS

Technician Reference Document

Audi connect® (USA ONLY) (if equipped) (continued)

- ▶ **Enable Google Earth™ view for navigation (if equipped)**
Enable Google Earth™ in the Navigation > Map Settings and verify the white Google logo appears in the bottom right hand corner of the MMI screen 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
- ▶ **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 “2019 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 Car/System menu

Driving Performance

- ▶ **Verify engine 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

Driver Assistance

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

Roadster Functionality (if equipped)

- ▶ **Test operation of power folding top**
Perform with engine running to conserve battery power

Post-Road Test Inspection

- ▶ **Perform a battery test**
Perform the A-battery test for new batteries using GFF in ODIS Diagnosis > Special functions > PDI Service. 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 server)

Post-Road Test Inspection (continued)

- ▶ **Check engine oil level**
Fill oil to the max level when the vehicle is at operating temperature

