

Pre-Delivery Inspection Test Drive for Drivetrain

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	2020 - 2022	Y1ADB1, Y1AFC1, Y1AFH1	N/A	N/A

Revision History

Revision	Release Date	Changes
0	February 24, 2020	Original document
1	March 6, 2020	Updated Service Information
2	October 8, 2021	Extension of Model Year

Condition

A loud knocking noise can result from the rear drive module (transmission and electric motor) that is particularly audible when accelerating to approximately 38 mph (60 km/h). Additionally, a warning message(s) can result simultaneously in the cluster with the text, "reverse not available," and or "parking lock not available."



Video 1

In order to play this video, you need to enable "playing of 3D content" under 3D & Multimedia in the preference settings (Edit) of Adobe Acrobat.

Technical Background

The damage associated with the noise described herein occurs in the transmission. This damage can already occur during low vehicle mileage.

Service Information

To help safeguard the customer against experiencing this potential issue shortly after delivery, please perform a test drive in accordance with the prescribed profile below:

- Listen to and watch the attached film to be able to recognize the damage discussed in this ATI
- Activate the "Sport" driving profile
- Perform a full load acceleration from a standstill (0 mph) to a maximum speed of 38 – 50 mph (60-80 km/h)
 1. If a noise and/or anomaly similar to that of the one witnessed in the video occurs, then please immediately capture the noise with both audio and video, and cease operation of the vehicle immediately thereafter. Avoid driving the vehicle further with the damaged Rear Drive Module.
 2. Should no noise and/or anomaly associated with the rear drive module occur, please proceed to perform three full load accelerations to the speed range prescribed above.
- Bring the vehicle to a complete stop before accelerating again, after every single acceleration
- If this noise does not occur during the test drive, then the vehicle may be delivered to the customer
- If this noise does occur, please open a PQIS entry immediately, and proceed to replace the rear drive module

Warranty

As always, be sure to document the repair completely in PQIS.

For this repair, please code the "cause" as follows:

Cause location:	37350	Automatic Transmission
Cause symptom:	2000	Noises

Use the following troubleshooting labor operation:

373519 Removing and installing automatic transmission (with electric motor)

Search Items

Transmission, noise, shifting, gear noise

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