

RECALL ACTION

Reference number:	RA-51-1928	Issued: 05 April, 2024
Subject:	Front Prop Shaft and Front Drive Unit (FDU)	
Model(s):	DBX	
VIN range:	Refer to the separately published list of Vehicle Identification Numbers (VINs)	
Applicable to:	All Dealers	
Distribute to:	Head of Business After Sales Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Attached Documents:

- Copy of the Owner Notification letter for vehicles in RA-51-1928
- Copy of the Change of Keeper or Address form

Reason for this Recall Action

Aston Martin has determined that a defect which relates to motor vehicle safety may exist on a number of DBX vehicles built between October 2020 and November 2020.

On the affected vehicles, the fasteners for the front prop shaft and the front differential do not have a record of being fully torqued to specification.

To correct this problem, do the Workshop Procedure given in this document to inspect and if necessary, torque the fasteners to the correct specification.

The full list of VINs for the affected vehicles are attached to this Recall Action document.

PLEASE DO A CHECK OF ALL VEHICLES THAT ARE IN THE AFFECTED VIN LIST

Communications

The customer letter and the "Change of Keeper or Address" form are published to Technical Hub.

When the Owner calls to make an appointment, briefly describe the repair which will be done to the Owner's vehicle and explain the reason for this work. Tell the owner that the repair will be done at no cost to them.

Workshop Procedure

1. Set the transmission to Neutral (N) and do not apply the park brake.
2. Remove the undertray for the front subframe (refer to Workshop Manual Procedure 40.01.AF).

3. Torque the two bolts that attach the FDU assembly to 50 Nm plus 95 degrees (refer to Figure 1).

Note: Prop shaft and front drive half shaft removed for illustrative purposes only.

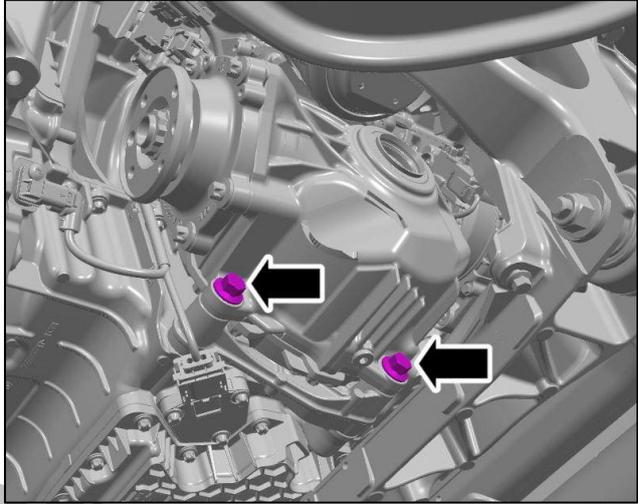


Figure 1

4. Torque the bolt that attaches the FDU assembly to 50 Nm plus 95 degrees (refer to Figure 2).

Note: Prop shaft removed for illustrative purposes only.

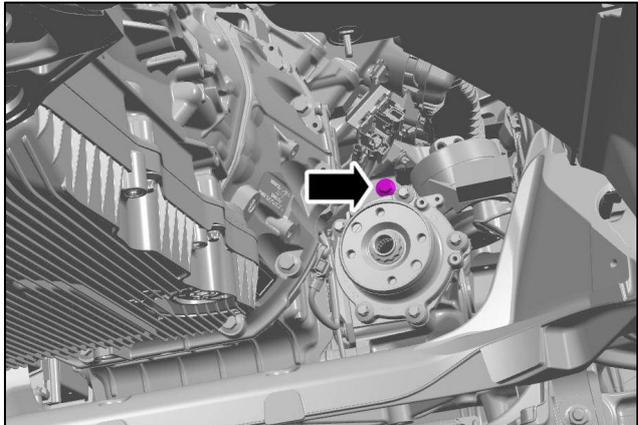


Figure 2

5. Torque the bolt that attaches the FDU assembly to 50 Nm plus 95 degrees (refer to Figure 3).

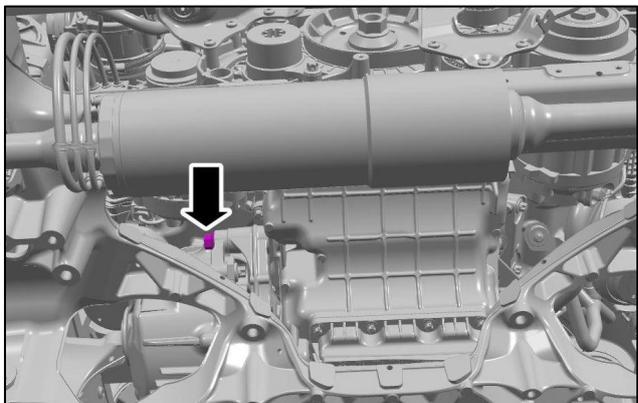


Figure 3

6. Use the Special Service Tool to hold the prop shaft (refer to Figure 4).

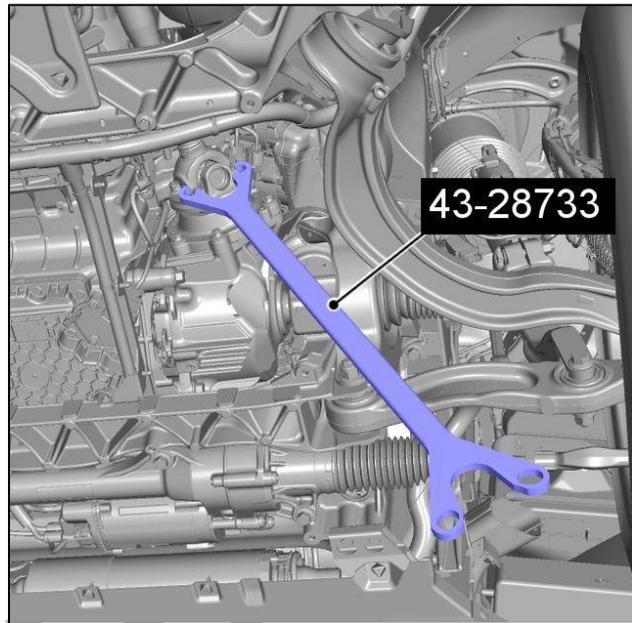


Figure 4

7. Torque the two bolts that attach the prop shaft to 45 Nm plus 90 degrees (refer to Figure 5).

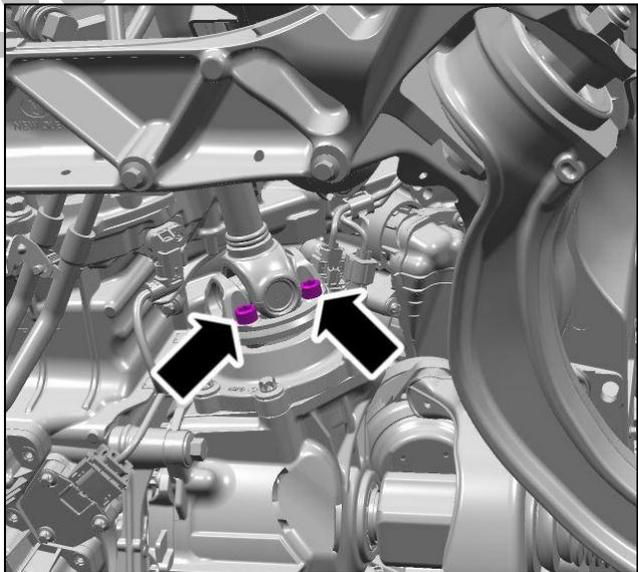


Figure 5

8. Turn the prop shaft clockwise to gain access to the other two bolts.
9. Torque the two bolts that attach the prop shaft to 45 Nm plus 90 degrees.
10. Install the undertray for the front subframe (refer to Workshop Manual Procedure 40.01.AF).

Warranty Data

Part Data

Description	Part Number	Quantity
BOLT M12X1.5X100 HEX FLANGE	MY83-E601424-AA	3
SCREW M12X1.5X50 HEX FLANGE	MY83-N800334-AA	1
BOLT DRIVE SHAFT HEXAL GRADE 10.9	MY83-E805600-AA	4

Note: Do not order parts until you have confirmed part replacement is necessary.

Procedure and Labour Time

Description	Labour Time
Torque check of the affected fasteners.	1.0 Hour

*Please submit a manual warranty claim for parts replaced due to damage.

To contact Aston Martin for further information about this document, please refer to the "Contact Us" page in Technical Hub.

Copy of the Owner Notification Letter

[Date DD Month, YYYY]

[Customer Name]

[Customer Address 1]

[Customer Address 2]

[Customer City/County]

[Customer Country]

IMPORTANT SAFETY RECALL NOTICE

NHTSA Recall [NHTSA Ref]

This notice applies to your vehicle: [INSERT VIN]

Dear [Customer]

Aston Martin has decided that a defect which relates to motor vehicle safety may exist in certain vehicles that were manufactured from May 2020 through September 2023.

Aston Martin has not received any report of an accident or injury caused by either defect. As a precaution, however, we ask that you contact your dealer for assistance with these important safety actions.

Safety Recall Actions:

- RA-63-1832 – DBX 12V Battery PSS Fusebox
- RA-51-1928 – Front Prop Shaft and Front Drive Unit (FDU)

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Copy of the Owner Notification Letter

REASON FOR THESE RECALL ACTIONS

RA-63-1832 – DBX 12V Battery Fusebox

On the affected vehicles, it is possible that the fixings for the fuse box cables are not correctly torqued.

This could cause the cables to become loose, and (if undetected) could cause the vehicle to lose electrical power or heat damage to the fuse box. Loss of electrical power could result in engine stalling or loss of headlights, power assisted steering, or other vehicle functions. These could increase the risk of crash. Heat damage to the fuse box could cause smoke in the boot or an unpleasant odour.

A loose fuse box cable may cause a battery warning light to display on the instrument cluster.

The repair, if needed, involves simple and fast replacement of a new washer, split washer, and flat nut to each affected stud in the fuse box.

The models affected are:

- 2020 – 2023 DBX
- 2022 – 2023 DBX707

RA-51-1928 – Front Prop Shaft and Front Drive Unit (FDU)

On small number of affected vehicles, the fasteners for the front prop shaft and the front differential may not be correctly torqued. Improper fastening of the front prop shaft could result in the crank position sensor becoming unplugged and the engine stalling. This could increase the risk of crash.

The repair, if needed, involves simple and fast tightening of the bolts to the front prop shaft and front differential to the specified torque values.

The models affected are:

- 2022 DBX

Copy of the Owner Notification Letter

WHAT WE WILL DO

Aston Martin will inspect and if necessary, replace the affected parts for the 12V battery fuse box.

Aston Martin will also inspect the prop shaft and front drive units in affected vehicles and confirm the fixings have been torqued correctly, and if not, to torque to the correct value.

These actions will be done at no cost to yourself.

WHAT YOU SHOULD DO

Please contact your Aston Martin dealer as soon as possible to arrange a date for the repair. They will be able to fully explain why this Recall Action is necessary. Instructions for making this correction have been sent to your dealer. The labor time necessary to complete these service corrections is a maximum of two hours. Please ask your dealer if you wish to know how much additional time will be needed to schedule and process your vehicle.

Your Aston Martin dealer is best equipped to obtain parts and provide the service to make sure that your vehicle is corrected as promptly as possible. If, however you take your vehicle to your dealer on the agreed service date and they do not remedy this condition on that date, or within three days, we recommend that you contact Aston Martin Customer Service by calling 1-886-276-6661.

If after contacting your dealer and Aston Martin Customer Services, you are still not able to have the safety defect remedied without charge and within a reasonable time, you may wish to write to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590 or call 1-888-327-4236 (TTY: 1-800-275-9171) or go to <http://www.nhtsa.gov>.

IF YOU NO LONGER OWN THE VEHICLE

If you have sold or traded your vehicle, please tell us by completing the enclosed Change of Keeper form and returning it to us.

We are sorry to cause inconvenience with this Recall Action. However, this action has been taken in the interest of your safety and continued satisfaction with our products.

Yours sincerely

[Dealer's Representative]
[Representative's Job Title]
[Dealer Name] |

