

October 10, 2023

## AMENDMENT TO NONCOMPLIANCE INFORMATION REPORT (23V-480)

This amends Toyota’s Part 573 Report of July 12, 2023, concerning the Spiral Cable Assembly issue on certain Toyota and Lexus vehicles. The sections listed below either contain information that was unavailable at the time of Toyota’s initial Part 573 Report or has been amended and should be replaced with the information listed below.

In Section 2, the following should replace the information provided in the July 12, 2023 Part 573 Report:

2. Identification of Involved Vehicles and Affected Components:

Based on production records, we have determined the involved vehicle population to be the vehicles listed in the table below.

Make/Car Line	Model Year	Manufacturer	Production Period
Toyota / Corolla	2023	TMMMS	February 21, 2023 through July 31, 2023
Toyota / Corolla Cross		MTMUS	February 21, 2023 through June 30, 2023
Toyota / Corolla Cross Hybrid			March 27, 2023 through June 30, 2023
Toyota / Highlander		TMMI	March 13, 2023 through May 23, 2023
Toyota / Highlander Hybrid			March 13, 2023 through May 18, 2023
Toyota / Tacoma		TMMBC	March 24, 2023 through July 14, 2023
		TMMGT	March 27, 2023 through August 7, 2023
Lexus / RX350		TMMC	February 21, 2023 through June 1, 2023
Lexus / RX350 Hybrid			March 13, 2023 through May 4, 2023

Lexus / RX500 Hybrid			February 22, 2023 through May 12, 2023
Lexus / NX250			February 21, 2023 through May 31, 2023
Lexus / NX350	2023-2024		February 22, 2023 through May 19, 2023
Lexus / NX350 Hybrid			March 6, 2023 through May 30, 2023

- Note: (1) Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S.
- (2) Whether service parts could be affected is still under investigation. If service parts are found to be affected, this filing will be amended.
- (3) Only vehicles in the above production range may have been equipped with the spiral cable assembly that includes a Flexible Flat Cable (FFC) that may not have been welded sufficiently due to a specific production issue and are involved in this recall. Other Toyota and Lexus vehicles are not equipped with the spiral cable assemblies that include the affected FFC produced at a specific supplier during a specific production period.

In Section 3, the following should replace the information provided in the July 12, 2023 Part 573 Report:

3. Total Number of Vehicles Involved:

Toyota Corolla	: 48,328
Toyota Corolla Cross	: 18,028
Toyota Corolla Cross Hybrid	: 872
Toyota Highlander	: 22,160
Toyota Highlander Hybrid	: 4,753
Toyota Tacoma	: 54,467
Lexus RX350	: 1,135
Lexus RX350 Hybrid	: 13
Lexus RX500 Hybrid	: 33
Lexus NX250	: 2,335
Lexus NX350	: 791
Lexus NX350 Hybrid	: 12
Total	: 152,927

In Section 4, the following should replace the information provided in the July 12, 2023 Part 573 Report:

4. Percentage of Vehicles Estimated to Actually Experience Noncompliance:

15.6 % of the involved vehicles contain the part that could be affected by the condition described in Section 5 below. Whether the issue, in each case, will cause the FFC to separate on the driver's airbag module circuits rather than other circuits cannot be determined.

In Section 6, the following should replace the information provided in the July 12, 2023 Part 573 Report:

6. Test Results and Other Information:

In Mid-May, 2023, the spiral cable assembly supplier notified Toyota of a manufacturing process investigation which found contamination in a washing station for certain spiral cable components that caused a poor welding condition between the FFC and the bus bar. The FFC provides connectivity to various controls on the steering wheel. From late-May to late-June, the supplier conducted testing to determine the effects of contamination, which indicated that the FFC could separate from the bus bar at the poor weld connection area.

As a result of the investigation, Toyota determined on July 6, 2023, that the involved vehicles may have a condition present at the time of manufacturing and point of first sale in which the FFC weld separation can deactivate the driver's airbag, which would cause the vehicle not to meet certain requirements of FMVSS No. 208 where driver's airbag deployment is needed.

In Mid-July, after filing the Noncompliance Information Report, Toyota received 5 field reports for conditions related to Spiral Cable electrical connectivity that were suspected to be outside of the supplier's affected production range for the subject issue. The parts were recovered and an investigation began. As a result of the investigation, Toyota determined on October 4, 2023 that the affected vehicle population was larger than the original recall filing and required an adjustment as reflected in section 2.

In Section 8, the following should replace the information provided in the July 12, 2023 Part 573 Report:

8. Recall Schedule:

Notifications to owners of the vehicles affected by the original filing occurred September 10, 2023. Notifications to owners of the vehicles affected by the amended filing will occur by November 15, 2023.

In Section 9, the following should replace the information provided in the July 12, 2023 Part 573 Report:

9. Distributor/Dealer Notification Schedule:

Notifications to distributors/dealers for the original filing were sent on July 12, 2023. Notifications to distributors/dealers for the amended filing will be sent by October 10, 2023. Copies of dealer communications for the amended filing will be submitted as they are issued.