Tesla, Inc. Service Bulletin		Replace Tri Motor Rear Drive Unit Inverters	
SB-24-40-002 February 13, 2024			

Classification	Section/Group	Mobile Service	Configuration
Campaign Bulletin	40 - Rear Drive Unit	Cannot Perform	Tri Motor

Model Year	Model	Country/Region	Build Location
2023	Cybertruck	United States	Giga Austin

The model(s) and model year(s) listed are a general approximation of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

Campaign Bulletin: This campaign bulletin addresses a non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to the applicable vehicles.

Condition

On certain Cybertruck vehicles, the LH and RH tri motor Rear Drive Unit (RDU) inverters do not meet Tesla quality standards and may cause the High Voltage Interlock Loop (HVIL) pins to disconnect intermittently.

Correction

Replace the LH and RH tri motor RDU inverters.

NOTE: If this bulletin is applicable to the vehicle, perform the correction without any need for inspection.

Correction Description	Correction	Time
Replace LH And RH Tri Motor Rear Drive Unit Inverters	S012440002	2.88

	Part Number	Description	Quantity
Parts Required	1802305-3A-B	ASSEMBLY - DRIVE INVERTER - 4DU 850V+	2
	1096344-00-D	LABEL-COVER-ACCESS-LUG-PHASE	2

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Catalog.

Special Tools	1754057-00-A	Current Clamp
	1130480-02-A	Slim Test Probes
	1135762-00-A	Coolant Hose Plug Kit
	1080292-00-A	ESD Wrist Strap
	1056154-00-A	ESD Mat
	1450875-00-A	Inverter Leak Test Kit
	1026636-00-A	Pack Enclosure Leak Tester
	1065131-00-A	Battery Coolant Drain Kit
	1050448-00-B	Vacuum Refill Tool

Procedure

Replace the LH and RH tri motor RDU inverters (refer to Service Manual procedure 4020092032).

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com