



Service Bulletin

Bulletin No.: 24-NA-118

Date: September, 2024

INFORMATION

Subject: Information on Available Repairs for HP1 Front Electric Drive Unit

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Corvette E-Ray	2024	2025	—	—	6.2L (LT2)	MLH

Involved Region or Country	North America, Europe, Middle East, Israel, Palestine, Japan, Thailand, Australia/New Zealand
Additional Options (RPOs)	Hybrid Propulsion Electric (RPO HP1)

Information

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Internal service of the drive unit is not recommended at the present time. However, the following externally accessible parts are available to be replaced on the front electric drive unit assembly, which may also at times be referred to as a Transmission in various publications. If the part in question does not appear on this list, consider replacing the full drive unit assembly.

Part Number	Description
24053527	SWITCH ASM-DRV MOT DISCONNECT CLUTCH
24286722	COVER-A/TRNS CASE (3 bolt cover at bottom of unit)
24286723	GASKET-A/TRNS CASE COVER (3 bolt gasket at bottom of unit)
24286724	COVER-A/TRNS CASE (4 bolt cover at bottom of unit)
24286725	GASKET-A/TRNS CASE COVER (4 bolt gasket at bottom of unit)
11548404	BOLT/SCREW - A/TRNS CASE COVER
24053463	BUSHING-OUTPUT SHAFT
24295613	SCREEN ASM-A/TRNS SCAV PUMP
24287195	SEAL-TRANS FLUID FILL OVERFLOW TUBE
24044155	SEAL ASM-FRT WHL DRIVE SHAFT OIL
24288193	WASHER-TRANS FLUID CLR
24287194	TUBE-TRANS FLUID FILL OVERFILL
24298199	SENSOR ASM-A/TRNS OUTPUT SPEED

24046874	CONNECTOR ASM-DRIVE MOTOR POWER INVERTER MODULE
24052771	ACTUATOR ASM-DRV MOT DISCONNECT CLUTCH
24283144	SENSOR ASM-A/TRNS FLUID TEMPERATURE
24288402	SEAL-MAN SHFT SHF
24051783	BAFFLE ASM-A/TRNS VENT
24287193	PLUG-TRANS FLUID DRN
24273850	SEAL ASM-A/TRNS DRV MOT HSG FLUID
24054745	SHAFT-OUTPUT
24296376	RING-OUTPUT SHF RET
24286108	SEAL-A/TRNS CASE CVR
24050628	Front Wheel Drive Shaft Retaining Ring (Right)
24042855	SEAL-DRV MOT POSN SEN STAT (O- RING)
24048095	COVER ASM-DRV MOT POSN S

Note: The high voltage battery pack assembly that powers the drive unit is currently only serviced as an assembly, except for the dry cavity plug. No internal repairs are allowed. Do not open the enclosure.

If the drive unit must be removed from the vehicle, these are the ancillary parts needed as part of that procedure, listed here for reference only:

Qty	Part Number	Description
2	11612295	Front Wheel Drive Shaft Nut
2	11611965	Front Wheel Drive Shaft Washer
1	24205145	Front Wheel Drive Shaft Retaining Ring (Left)
1	24050628	Front Wheel Drive Shaft Retaining Ring (Right)
2	84369120	Transmission Fluid Cooler Pipe Seal
5	11548404	Drive Motor Power Inverter 3 Phase Cable Bolt (External connection to RESS)
3	11549242	Drive Motor Power Inverter 3 Phase Cable Connector Bolt (Internal connection to drive unit)

Version	2
Modified	Released August 21, 2024 Revised September 16, 2024 – Added the 2025 Model Year and added parts to external parts table.

