

 Tesla, Inc. Service Bulletin		<i>Replace Rear Drive Unit</i>	
SB-20-40-001 September 26, 2020			
Classification		Section/Group	Mobile Service
Campaign Bulletin		40 - Rear Drive Unit	Cannot Perform
Model Year	Model	Country/Region	Version
2019	Model 3	China	Dual Motor
<small>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.</small>			

Campaign Bulletin: This campaign bulletin addresses a known non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to all vehicles in the affected VIN list.

Condition

Certain Model 3 vehicles exported to the China region might have a rear drive unit with an inverter that is not fully compatible with the China Supercharger protocol. Consequently, the inverter might be damaged during supercharging, and prevent the vehicle from shifting into Drive after supercharging.

Correction

Replace the rear drive unit.

Correction Description	Correction	Time
SB-20-40-001 Not Applicable	S012040001	0.00
Replace Rear Drive Unit	S022040001	4.55

	Part Number	Description	Quantity
Parts Required	1120980-00-G	ASY,3DUR,MOSFET-HC	1
	1117669-00-A	BOLT,5LOBE,M6x19,[109],ZNNI,MAT,PTP,SEAL	2
	1461657-00-A	BOLT,HF,M14-2.0x120,[109],ZNFL,CMAT	4
	1111154-00-B	BOLT,HF,M10-1.5x23,[109],ZNFL,SMAT	4
	1111542-00-A	NUT,HF,M10x1.25,[10],ZNNI,PTP	2
	1088969-00-B	BOLT,TE,M12-1.75x45,[109],G0110[B],SMAT	4
If Necessary	1108958-00-A	SEAL,PROBE LID,HVBAT	1
	1108907-00-B	BREATHER, NITTO Z-PLUG-S	1
	1111033-00-E	BRACKET - PLASTIC	1

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	1133386-00-A	Tool, Axle Extraction, Model 3
	1130279-00-A	Lifting Sling, Drive Unit, Model 3
	1446276-00-B	Kit, Drive Unit Dipstick, Model 3

Shop Supplies Loctite 222

Procedure

Replace the rear drive unit (refer to Service Manual procedure [40011002](#)).