

		<b>Tesla, Inc.</b> Service Bulletin		<b><i>Replace Rear Drive Unit Inverter, Model Y</i></b>
<b>SB-20-40-003</b> September 8, 2020				
<b>Classification</b>		<b>Section/Group</b>		
Campaign Bulletin		40 - Rear Drive Unit		<b>Mobile Service</b>
				Cannot Perform
<b>Model Year</b>	<b>Model</b>	<b>Country/Region</b>		<b>Version</b>
2020	Model Y	United States		All
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 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

The rear drive unit contains an inverter that did not go through internal reliability testing.

## Correction

Replace the rear drive unit inverter.

Correction Description	Correction	Time
SB-20-40-003 Not Applicable	S012040003	0.00
Replace Rear Drive Unit Inverter	S022040003	3.75

	Part Number	Description	Quantity
<b>Parts Required</b>	1117669-00-A	BOLT,5LOBE,M6x19,[109],ZNNI,MAT,PTP,SEAL	2
	1079924-15-H	ASY, DRIVE INV, 3DU, 810A, SIC, REAR	1
	1100020-00-A	BOLT,TRX,FLG,M6-1.0X23[8.8]-MP	12
	1112246-00-A	BOLT&WSHR[DBL],HX,M6x22,[98],ZNNI,CON	3
	1096984-00-C	ASY, COVER, PHASE OUT, 3DU	1
	1111864-00-B	BOLT, TE, M10x1.5x75.2,STL[109],ZNNI+WAX	1
	1096344-00-C	LABEL,COVER,ACCESS,LUG,PHASE, 3DU	1
	1461657-00-A	BOLT,HF,M14-2.0x120,[109],ZNFL,CMAT	6
	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	2
	1088968-00-B	BOLT,TE,M12x45,STL[109],ZNFL[BLCK]	4
<b>If Necessary</b>	1087881-00-A	GAP PAD, ACTIVE DISCHARGE, 3DU INV	1
These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the <a href="#">Parts Catalog</a> .			
<b>Special Tools</b>	1130479-00-A	Skt, 3/8in Dr, 10EP Torx Plus External	
	1140311-00-A	Lever Lock, HV Connector, Model 3	
	1450875-00-A	Kit, Inverter Leak Test Adapter, M3	
	1026636-00-A	Pack Enclosure Leak Tester, HV Battery	
	1099645-00-B	Fixture, Subframe, Model 3	
	1076921-00-B	Insulation Multimeter, Fluke 1507	
	1130480-00-A	Test Probes, Slim, Fluke TP38	
	1133569-00-A	Pliers, Clip Removal	
	1055662-00-A	Anti-static mat/wrist grounding cord and wrist strap	
	1044206-00-A	Wheel Trim Removal Tool	
	1096767-00-A	Seat Cover	
	1071271-00-A	Chassis Height Measuring Tool	
	1049463-00-A	Steering Wheel Level	
<b>Shop Supplies</b>	Loctite 222MS threatlocker		
	Isopropyl Alcohol (IPA) wipes		
	HV glove kit		

## Procedure

Replace the rear drive unit inverter (refer to Service Manual procedure [40200602](#)).