

TL115017

Revised: 5apr16jh

Technical Service Bulletin

SUBJECT: Procedure to upgrade Ford F550 shuttle to new rotary switch TIG31066 and bracket design 2.

Products Affected: All Ford F550 cab chassis used for shuttle bus

Effective Date: 9feb16

Telma is committed to a philosophy of continuous improvement as a way of enhancing the end-user's experience with our product.

Refer to service bulletin <u>TL105091</u> for details about the change from foot switch JC120102 to the new rotary switch <u>TIG31066</u>. Telma introduced a new control module (TRCM) on F550 in March of 2011. The new rotary foot switch must have this module installed. Below are procedures to upgrade to the new rotary foot switch on Ford F550 shuttle bus chassis for both older vehicles without TRCM as well as newer vehicles already equipped with TRCM.

There are three possible configurations you may find with Ford F550.

1. F550 cab chassis shuttle bus chassis with TRCM from March 2011

2. F550 cab chassis shuttle bus chassis with speed switch from 2010 to March 2011

3. F550 cab chassis shuttle bus chassis with rotary switch bracket design 1

The following information has details of how to upgrade to the new rotary switch for each of these possible configurations.

1. Ford F550 shuttle bus chassis equipped with TRCM from March 2011 Order kit number TIK10692

Description	PART NUMBER	Qty
F550 rotary switch bracket	TIB01042	1
Rotary switch harness for design 2	TID31004	1
M4-0.7 x 20mm DIN 933 Class 8.8 Zinc Cap Screw	TIF01067	1
M4 DIN 137 Zinc Wave Washer	TIF01068	1
Rotary Foot Switch	TIG31066	1

- 1) Remove foot switch JC120102, the brackets mounted to the pedal, and the bracket that mounts the switch under the dash.
- 2) Unplug the black and gray connectors from the TRCM and remove the orange secondary wedge lock from the end of each connector.



- 3) Plug the green wire of the rotary foot switch harness TID31004 equipped with the Deutsch terminal into position 9 of the black connector until it locks in place. Reinstall the orange secondary wedge lock.
- 4) Plug the red wire of the rotary switch harness TID31004 equipped with the Deutsch terminal into position 7 of the gray connector until it locks in place. Re-install the orange secondary wedge lock.
- 5) Remove the two black wires from the old foot switch connector position "C" and splice the black wire of the rotary switch harness to the two black wires.
- 6) Remove the wires in positions 1, 2, 3, 4 of the TRCM gray connector by pulling back the primary lock with a small screwdriver as shown and discard the old foot switch connector and harness.



Please forward to all applicable users

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