

# COLLISION REPAIR INFORMATION

## FOR THE COLLISION REPAIR PROFESSIONAL

TITLE: FENDER BRACKET REPLACEMENT

PAGE 1 of 2

SECTION: ELECTRICAL BULLETIN #184

MODELS: 2012- TOYOTA CAMRY/CAMRY HV and 2013- LEXUS ES350/ES300H

DATE: AUGUST 2012

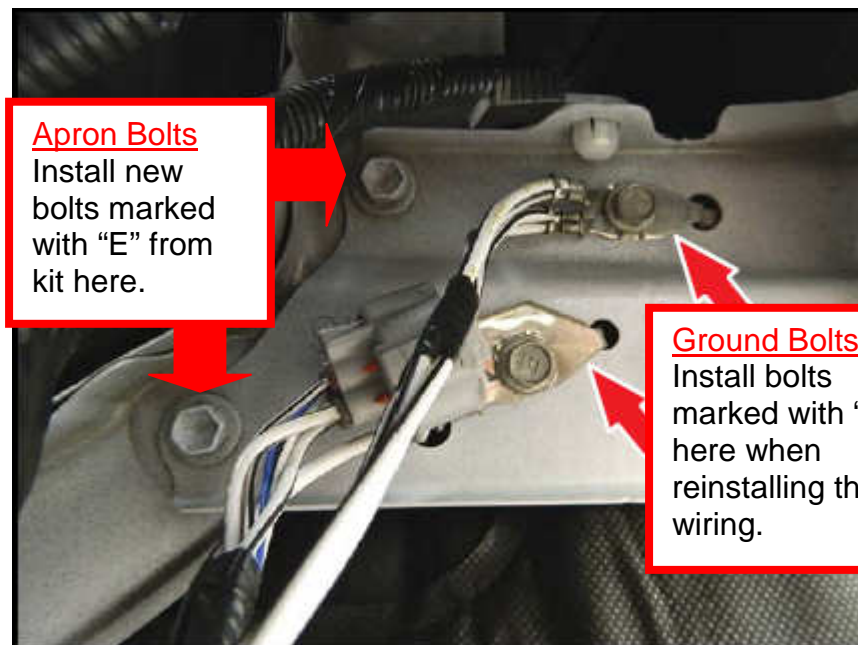
Model Year 2012- Camry/Camry HV and 2013- ES350/ES300H use the left front fender mounting bracket (Toyota PN 53804-33030 Lexus PN 53804-33040) as a ground location for an Integration Relay and the Engine Control Module. If this bracket is damaged and replaced, or repaired and reused, it is critical to follow the procedures and precautions provided below when removing or installing the bracket and ground wiring:

**Note:** Failure to follow these procedures and precautions to ensure a good ground circuit connection may cause damage to the electrical system.

- Before removing any ground wiring, disconnect the 12 volt negative battery terminal.

### **NOTICE**

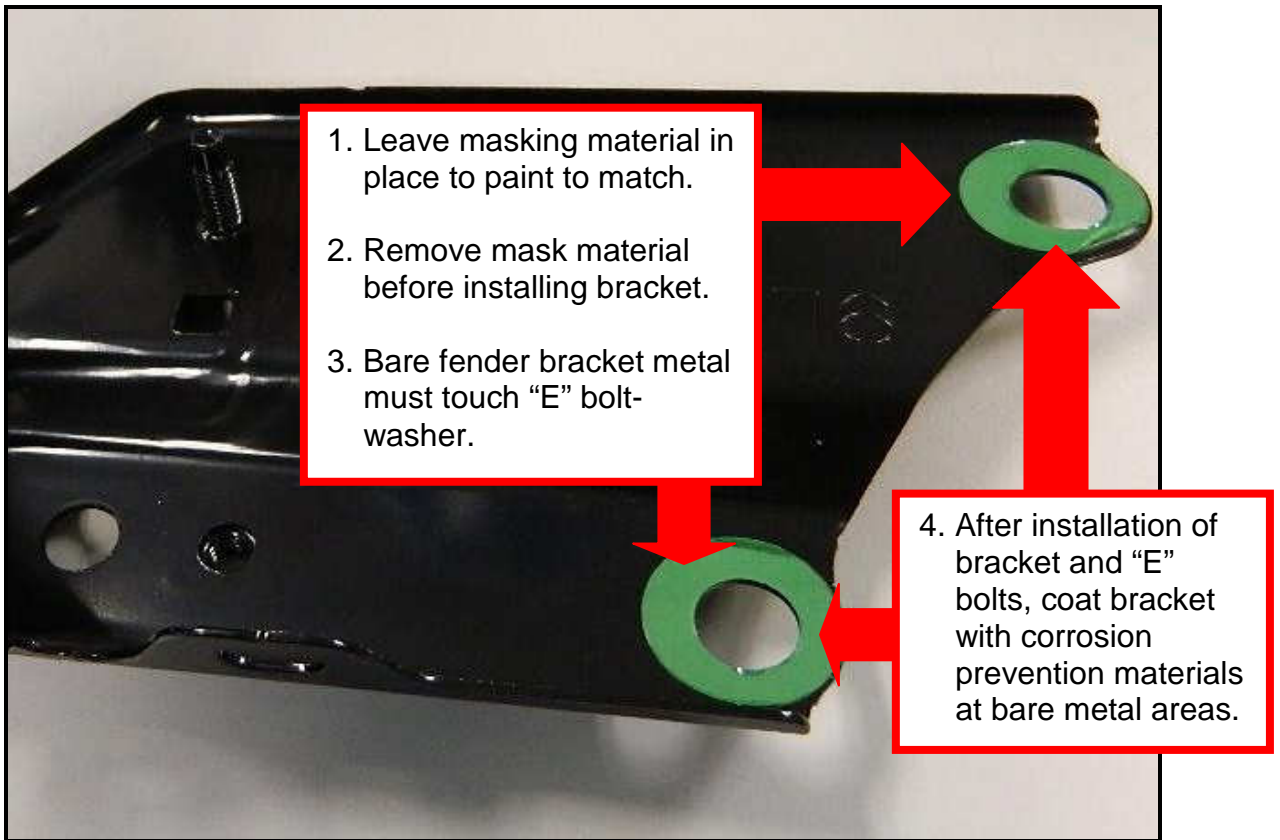
**At no time while the ground wiring is loose or bracket is removed should the battery be reconnected or engine started.**



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- Genuine OE replacement bracket kits are supplied with instructions, special attachment bolts and washers, as well as masking material at attachment bolt contact locations.



- Read and follow the new bracket installation instructions supplied in the kit.
- Do not remove the masking material on the new bracket before painting.
- Before installing the bracket remove masking material at apron attachment points.
- Use the new bolts supplied in the kit with the "E" marking on the bolt head. These bolts will cut thru paint and oxidation at the bolt threads to help ensure a good ground.
- Install bracket and ground wiring, and torque Ground bolts to 6.9-9.8 N\*m ( 5.1 – 7.2 ft\*lb) 70-100 kgf\*cm, and Apron bolts to 3.9 – 8.8 N\*m, (2.8 - 6.5 ft\*lb,) 40-90 kgf\*cm.
- Reattach negative battery terminal and check that ground wiring voltage drop is less than 0.2 volts.
- To prevent corrosion from developing at the bracket apron bolt hole area, neatly apply a heavy coat of a corrosion prevention material such as 3M™ Rust Fighter-I Part Number 08892 or equivalent around the area of the apron bolts.

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