FRONT BODY PILLAR (CUT)

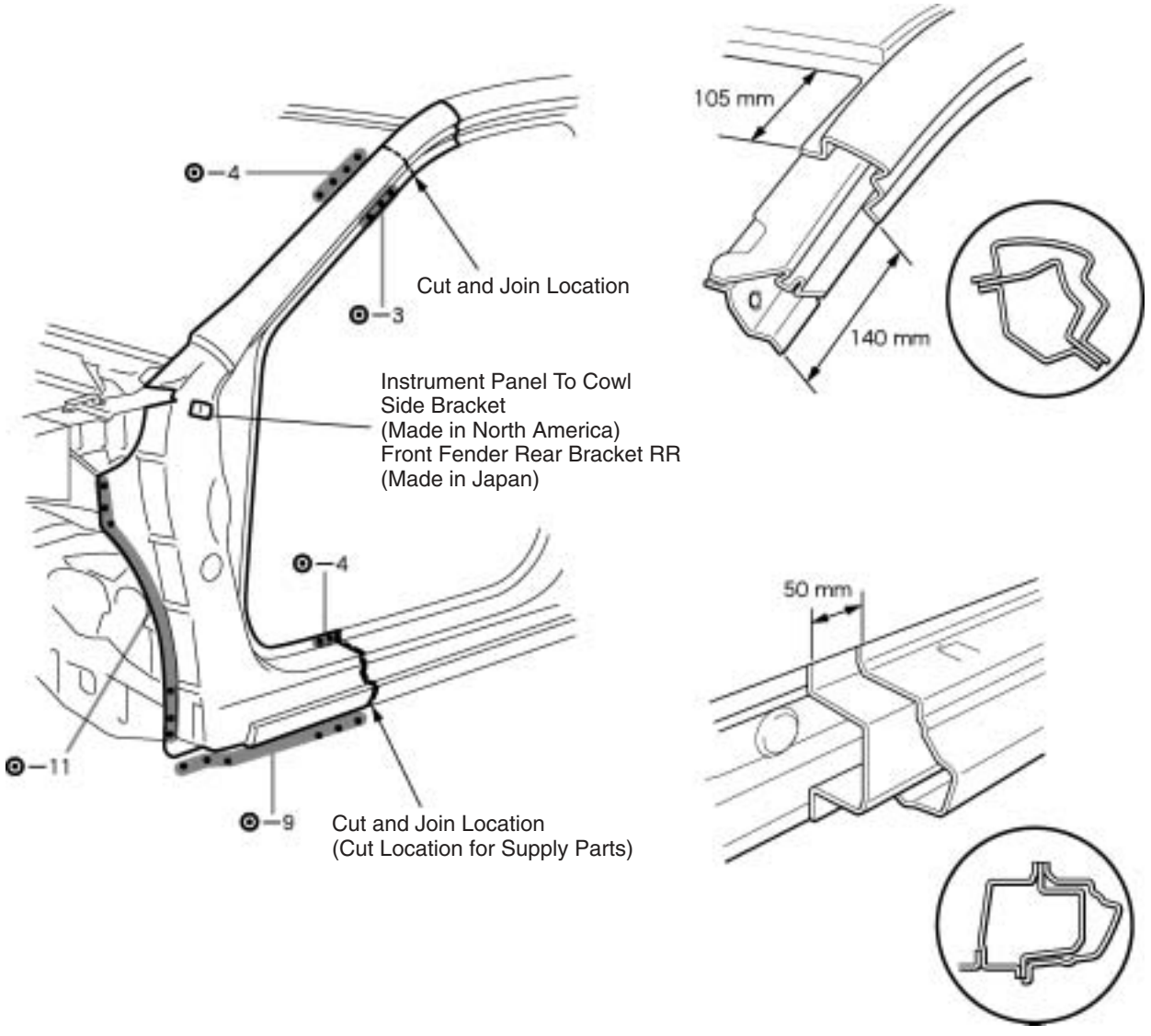
REPLACEMENT

1. **REMOVE COWL TOP SIDE REINFORCEMENT (See page BP-39)**
2. **REMOVE FRONT BODY PILLAR LOWER GUSSET (See page BP-41)**
3. **REMOVE FRONT BODY PILLAR**

(a) Cut and join the parts at the locations as shown below.

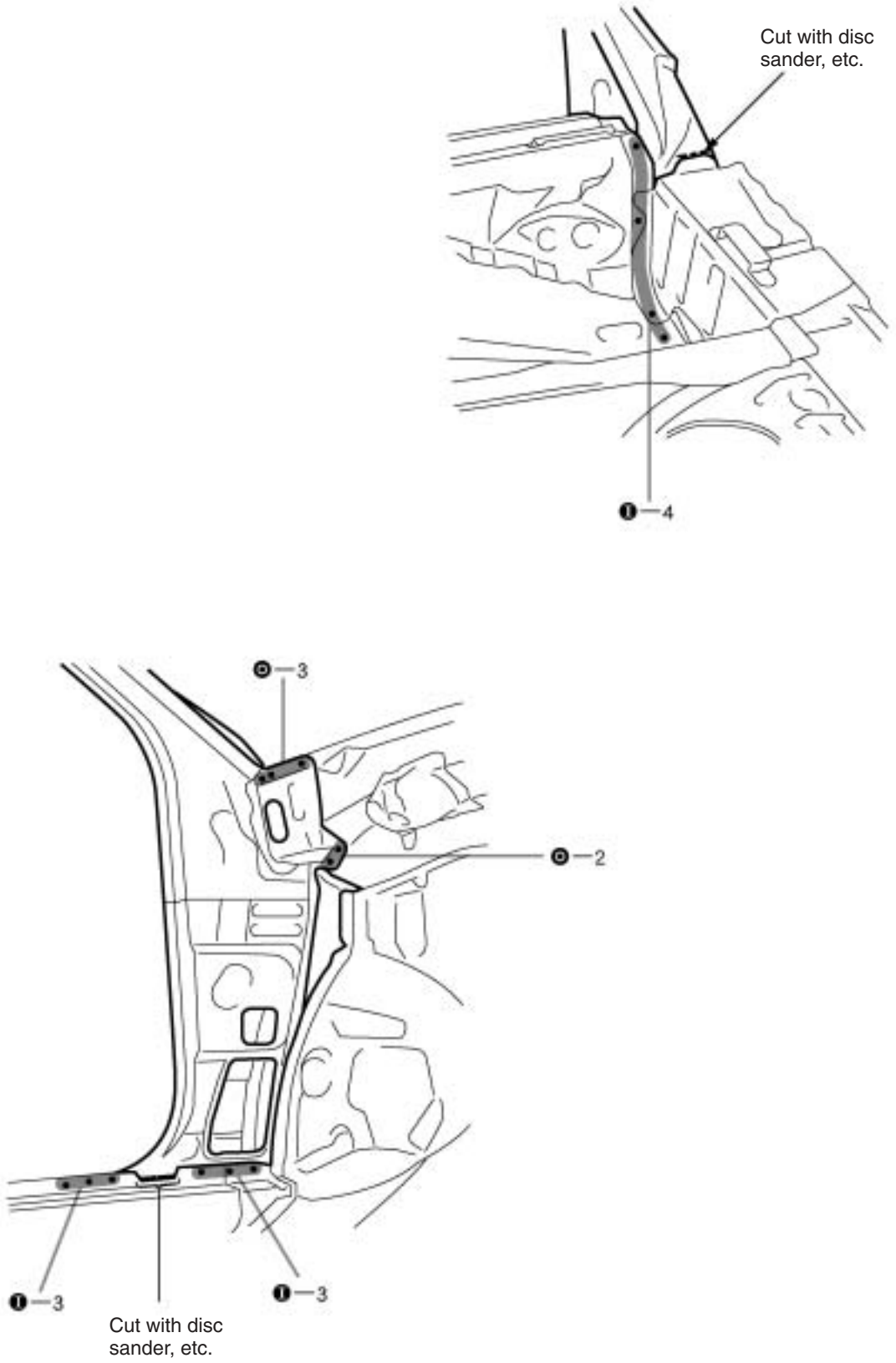
HINT:

- Shift the each cut and join locations of the outer panel, pillar reinforcement and inner pillar.



mm	in.
50	1.97
105	4.13
140	5.51

F17186


Cut with disc sander, etc.
4
3
2
3
3
Cut with disc sander, etc.
F12934A

4. INSTALL FRONT BODY PILLAR

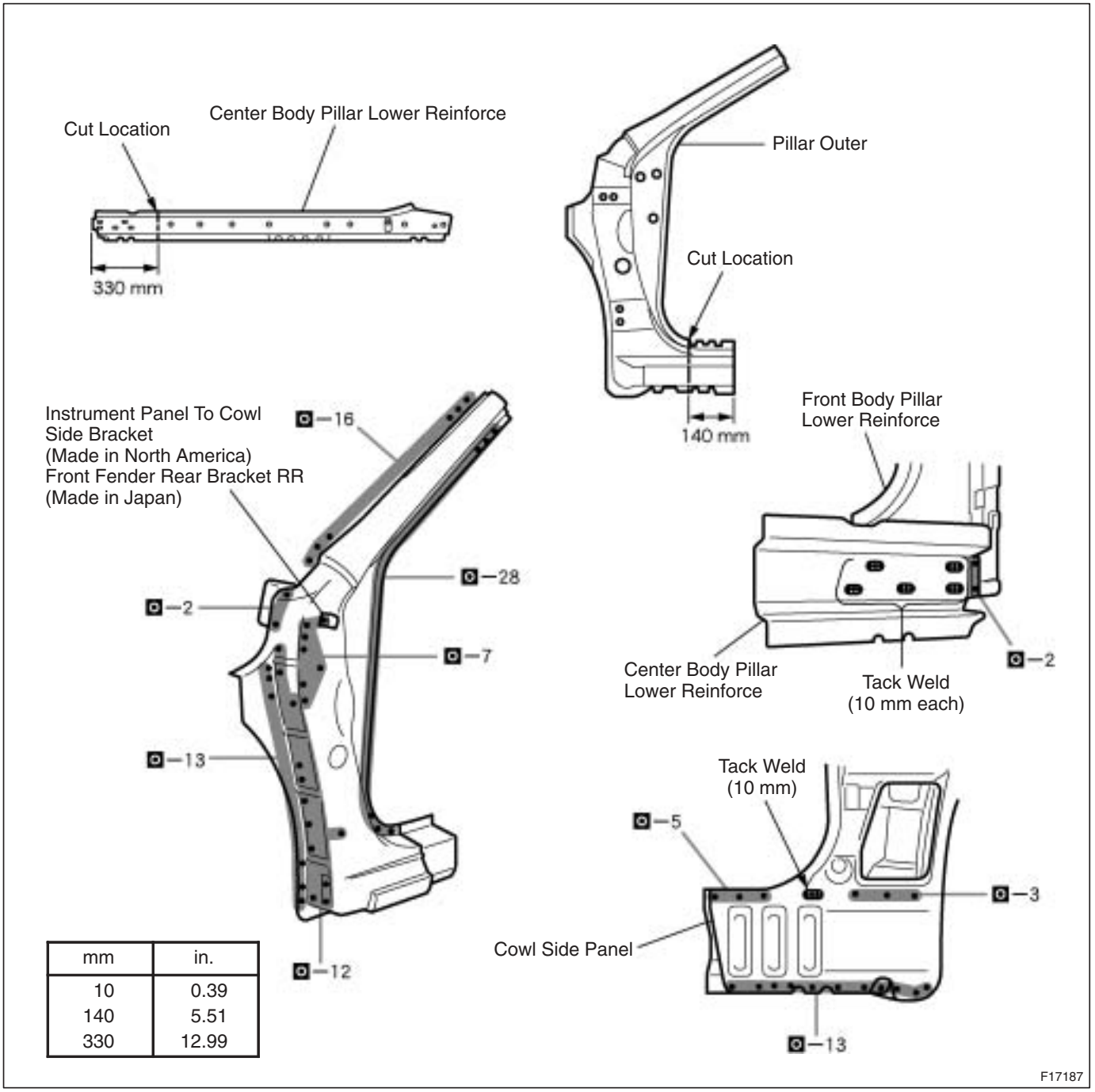
HINT:
Inspect the fitting of the front door, front fender and windshield glass, etc., before welding, since this affects the appearance of the finish.

(a) Cut the new parts for the center body pillar lower reinforece and outer panel at the location as shown below.

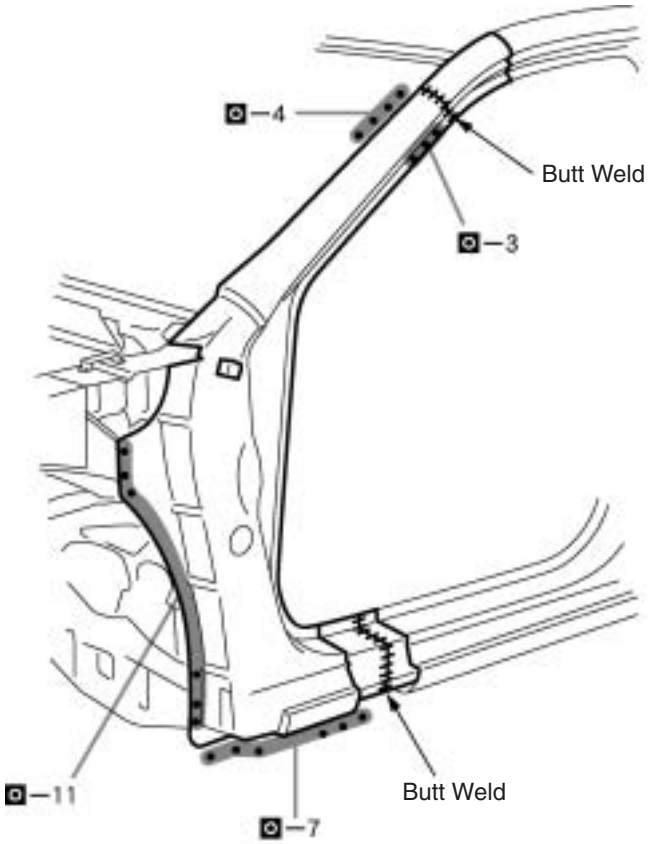
HINT:
Cut the rocker panel 140 mm (5.51 in.) from it cut and join location and after butt welding the center body pillar lower, attach the outer panel.

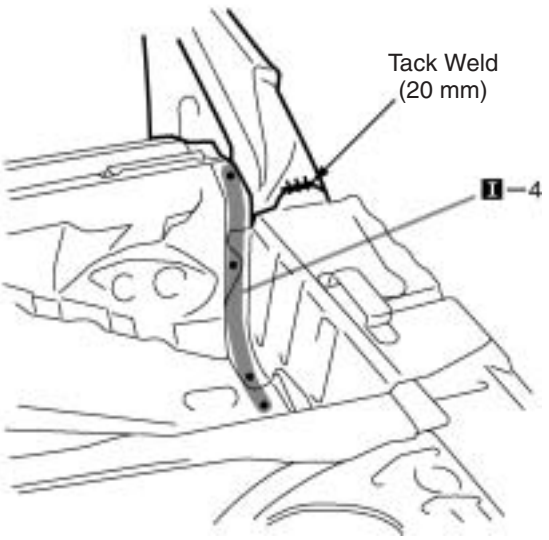
(b) Before temporarily installing the new parts, weld the front body pillar lower reinforce, center body pillar lower reinforce, cowl side panel and outer panel with standard points.

(c) Temporarily install the new parts and measure each part in accordance with the body demension diagram.



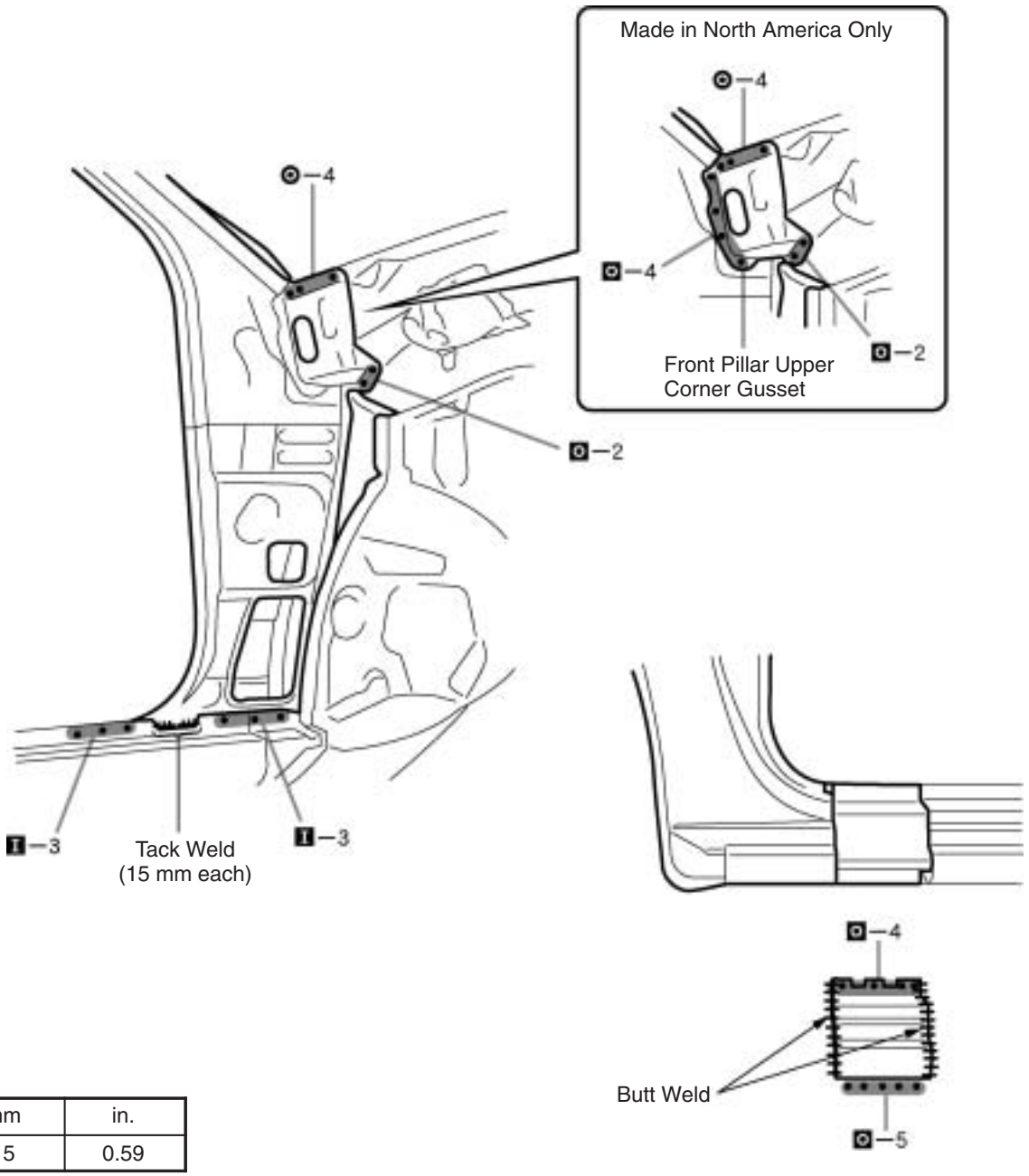
mm	in.
10	0.39
140	5.51
330	12.99





mm	in.
20	0.79

F17188



mm	in.
15	0.59

5. **MEASURING OPENING PORTION DIMENSIONS** (See page BP-100)
6. **INSTALL FRONT BODY PILLAR LOWER GUSSET** (See page BP-100)
7. **INSTALL COWL TOP SIDE REINFORCEMENT** (See page BP-39)
8. **APPLYING SEALER TO THE ENGINE COMPARTMENT** (See page PC-1)
9. **APPLYING SEALER TO THE INSIDE OF THE VEHICLE** (See page PC-1)
10. **APPLYING UNDER COATING** (See page PC-6)
11. **CHARGING THE POLYURTHANE FOAM** (See page PC-8)
12. **APPLYING ANTI-RUST AGENT**

(a) After applying the top coat layer, apply the anti-rust agent to the inside of the necked section structural weld spots.