

2009-2013 Honda Fit Body Repair Manual

INTRODUCTION

How to Use This Manual

This manual covers the repairs of a 2009-2013 model series Fit that have been involved in an collision, and it describes the work related to the replacement of damaged body parts. Please read through these instructions and familiarize yourself with them before actually using this manual.

NOTE: Refer to the appropriate Fit Service Manual, for specifications, wire harness locations, safety stand support points, etc.

1 General Information

2 Paint Information

3 *Replacement

4 Body Dimensional Drawings

5 Rust Prevention

General Safety Precautions

Reference

Special Information

▲ WARNING

You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.

▲ CAUTION

You CAN be HURT if you don't follow instructions.

NOTE: Gives helpful information.

▲ CAUTION

Detailed descriptions of standard workshop procedures, safety principles and service operations are not included. Please note that this manual does contain warnings and cautions against some specific service methods which could cause PERSONAL INJURY, damage a vehicle, or make it unsafe. Please understand that these warnings cannot cover all conceivable ways in which service, whether or not recommended by Honda, might be done or of the possible hazardous consequences of each conceivable way, nor could Honda investigate all such ways. Anyone using service procedures or tools, whether or not recommended by Honda, must satisfy himself thoroughly that neither personal safety or vehicle safety will be jeopardized.

All information contained in this manual is based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice. No part of this publication may be reproduced, stored in retrieval system, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher. This includes text, figures and tables.

HONDA MOTOR CO., LTD.
Service Publication Office

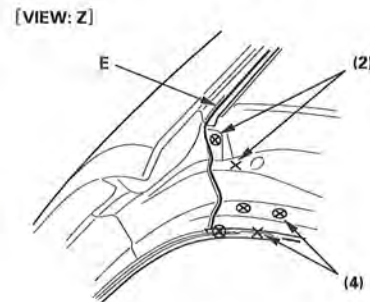
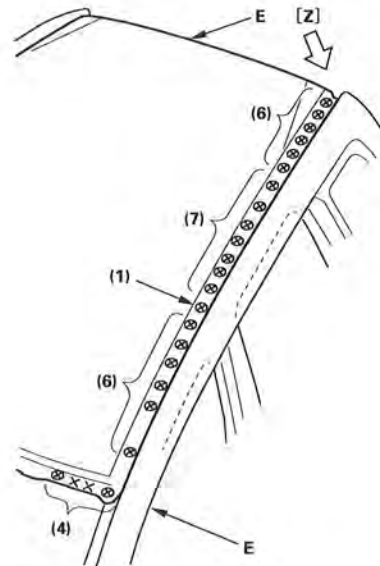
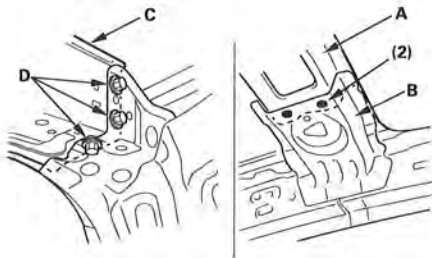
Sections with an * include SRS components; special caution is required when servicing.



Installation

NOTE:

- Welding symbols
 - ⊗: 2-Plate spot welding
 - ⊗: 3-Plate spot welding
 - ⊗: 4-Plate spot welding
 - : MIG plug welding
 - : MIG welding
 - L= Welding length Unit: mm (in.)
 - (): The number of welds
1. Clamp the new roof panel and install the roof arch gusset.
 2. Check the body dimensions.
 - Windshield and door opening (see page 4-10)
 - Tailgate opening (see page 4-11)
 - Rear pillar gutter position (see page 4-9)
 - Passenger's compartment (see page 4-7)
 - Door hinge position (see page 4-6)
 3. Tack weld the front and rear corner edges of the roof panel.
 4. Temporarily install the roof molding, the windshield, the tailgate and the door, then check for differences in level and clearance. Check the external parts fitting position (see page 4-12). Make sure the body lines flow smoothly.
 5. Do the main welding.
 - From inside the vehicle, weld the front roof rail (A) and the inner upper extension (B).
 - Fix the rear roof rail (C) with the mounting bolts (D).
 - Weld the front, rear, and side flange of the roof panel (E).
 - The roof area must be free of burrs and/or sharp edges to prevent damage to the side curtain airbag during deployment.



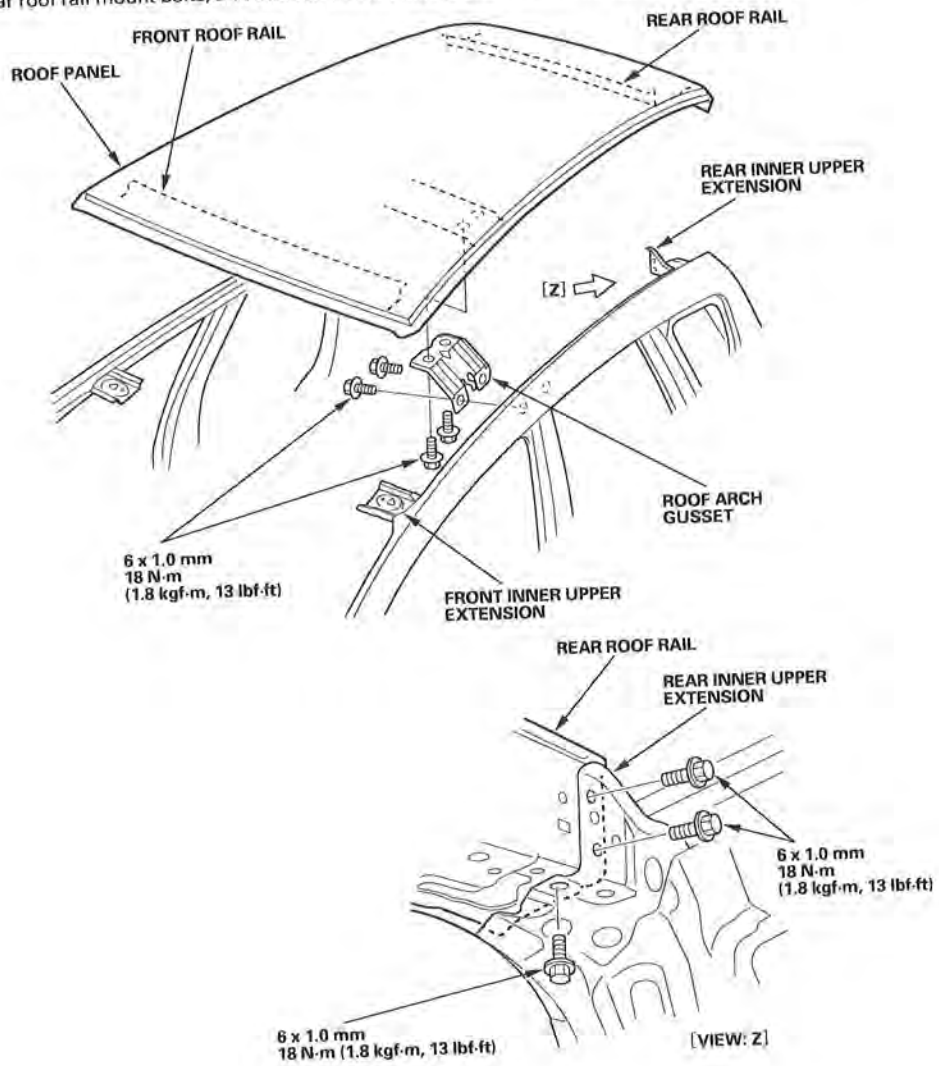
Roof Panel

Removal (cont'd)

Construction

NOTE: This section explains the procedures after removal of all related parts. For the related parts' removal procedure, refer to the appropriate Service Manual.

Remove the rear roof rail mount bolts, and drill the welded flange of the front roof rail and the roof panel.



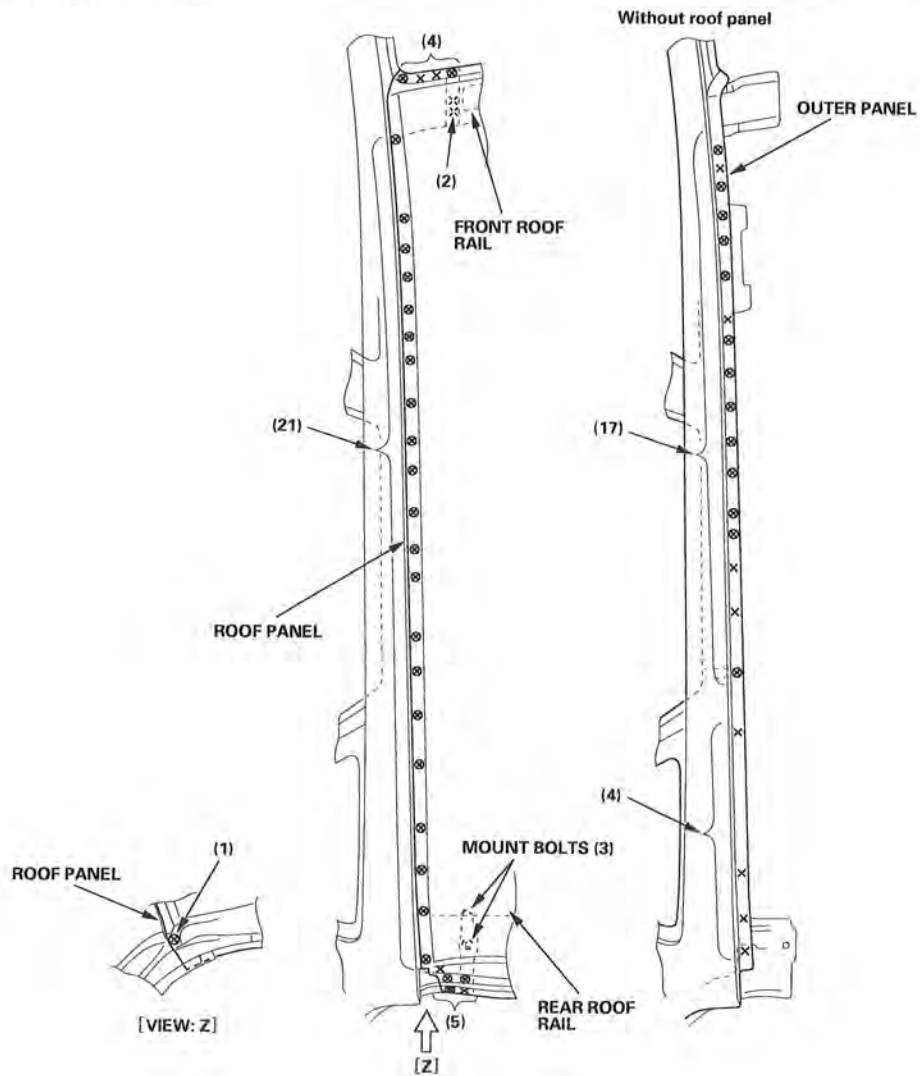
Roof Panel

Removal

Mass production body welding positions and numbers

NOTE:

- Welding symbols
- ×: 2-Plate spot welding/⊗: 3-Plate spot welding/⊠: 4-Plate spot welding/●: MIG plug welding/●: MIG welding
- L= Welding length Unit: mm (in.)
- (): The number of welds



(cont'd)