### BASE KIT CONTENTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Control Switch Assembly</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Screws (M5)</td>
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</table>

### HARDWARE BAG CONTENTS

<table>
<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
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### ADDITIONAL ITEMS REQUIRED FOR INSTALL

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Tool Die/Part# 250-2598</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Extraction Tool/Part# 250-2600</td>
</tr>
</tbody>
</table>

### CONFLICTS

#### NOTE:

- **STOP:** Damage to vehicle may occur. Do not proceed until process compliance has been met.
- **OPERATOR SAFETY:** Use caution to avoid risk of injury.
- **CRITICAL PROCESS:** Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation.
- **GENERAL PROCESS:** This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation.
- **TOOLS & EQUIPMENT:** This calls out the specific tools and equipment required for the process.
- **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

### RECOMMENDED TOOLS

**PERSONAL & VEHICLE PROTECTION**
- Safety Glasses
- Fender Cover
- Gloves (optional)

**SPECIAL TOOLS**
- Battery Post Protector

**INSTALLATION TOOLS**
- Trim Removal Tool
- Phillips Screwdriver
- 10-MM Wrench
- T-30 Bit

**SPECIAL CHEMICALS**

### SVC CONTENTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>1</td>
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<td>Cutting Tool</td>
<td>250-2598</td>
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<tr>
<td>2</td>
<td>1</td>
<td>Extraction Tool</td>
<td>250-2600</td>
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### GENERAL APPLICABILITY

**FJ CRUISER**

### SERVICE PARTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Part#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>250-2705</td>
<td>ECM Cruise Harness</td>
</tr>
</tbody>
</table>

### FORM #5164, Rev. A, 09-08-09
CONTROL SWITCH

LOCATION: RIGHT SIDE STEERING WHEEL COVER
HARDWARE: REQUIRES CUTTING TOOLS 250-2598, 250-2600

CAUTION: ENSURE THAT BATTERY HAS BEEN DISCONNECTED FOR MORE THAN 90 SECONDS PRIOR TO REMOVAL OF AIRBAG; FAILURE TO HEAD THIS WARNING MAY RESULT IN AIRBAG DISCHARGE AND MAY CAUSE SERIOUS INJURY OR DEATH.

1. REMOVE AIRBAG BY RELEASING SIDE PANELS FROM STEERING WHEEL AND EXTRACTING THE TWO 30 TORX SCREWS AS ILLUSTRATED IN FIGURE 2.

2. UTILIZE SMALL SCREWDRIVER TO REMOVE AIRBAG CONNECTORS AS ILLUSTRATED IN FIGURE 3.

CAUTION: BE SURE TO STORE AIRBAG FACE UP AS ILLUSTRATED IN FIGURE 3 TO REDUCE INJURY IN EVENT OF ACCIDENTAL DISCHARGE OF AIRBAG.

STORE AIRBAG FACE UP AS ILLUSTRATED BELOW

FIGURE 1

FIGURE 2

FIGURE 3

FIGURE 4
CONTROL SWITCH CONTINUED

3. Using the Switch Hole Cutting Template on page 5, place the template on the inside of the trim piece as shown and drill two (2) 5mm (13/64”) holes and one (1) 8mm (11/32”) hole. Figure 5

4. Using the Switch Hole Cutting Tool, 250-2598, insert the cutting tool into the drill holes of trim piece and with 13mm socket, tighten the screw until plastic hole is cut out. Figures 6 & 7.

5. Sometimes the cutting die may get lodged in the steering shroud material; in this case, utilize the Cutting Extraction Tool, 250-2600, to remove die.

Thread T-Bolt into die as shown in Figure 8 and pull to remove die from steering shroud.
CONTROL SWITCH CONTINUED

6. Mount Cruise Control switch with two (2) Phillips screws provided. Locate steering wheel connector as shown in Figure 10. Unplug connector and pull up locking tab shown in Figure 11. Insert Red Wire from switch to Pin 5. Insert Black Wire from switch to Pin 4. Reassemble locking tab on connector to secure pins. Return connector to steering wheel.

7. Reinstall Airbag.

8. Reinstall two (2) steering wheel shroud trim pieces.

REASSEMBLY

1. Reconnect Negative Battery Cable and torque to 3 ft-lbs.
1. **Remove steering shroud. Locate black clockspring connector on backside of steering wheel as shown in Figure 13.**

2. **If Pin 5 Blue/Black wire is vacant, insert pin from service part harness 250-2705 and route to ECM behind glove box. Insert other pin on harness to second from bottom connector E46 Pin 2 as shown in Figure 14.**

**NOTE:** Some FJ Cruiser vehicles may not be prewired for cruise.

**Requires Service Harness: 250-2705**