**BULL BAR**

**BBCD030** **TOYOTA FORTUNER’08+**

**Parts List**

1. Bull Bar
   - Qty: 1
2. Mounting Bracket
   - Qty: 1
3. Steel skid plate
   - Qty: 1
4. Bolt M8x1.25x20 mm
   - Qty: 5
5. Cage nut M6x1.0 mm
   - Qty: 2
6. Bolt M10x1.25x30 mm
   - Qty: 8
7. Bolt M12x1.25x90 mm
   - Qty: 2
8. Bolt M12x1.25x25 mm
   - Qty: 2
9. Bolt M12x1.25x35 mm
   - Qty: 6
10. Pinch weld 1 m
    - Qty: 2
11. Wiring harness
    - Qty: 1

**INSTALLATION TOOLS**

- Ratchet with Socket NO 12.17.19
- Wrench NO. 12.17.19
- Drill Ø 10 mm

*UPDATE: 30 September 2010*
Installation Female Wiring Cable

CAUTION BEFORE INSTALLATION
1. The lamps become extremely hot while operating, keep them away from temperature sensitive body parts. Do not touch or wash the lamps for at least 10 minutes after use.
2. Use only H3 12V 55W bulb and fuse 30A 12V 21W and 12V 10W for Replacement.

Please follow a diagram for wiring instruction as below:
1. Install female socket into male socket for fog light (please do after installed mounting bracket).
2. After installing wiring on back of bullbar, after completing installed bullbar, fix relay to a proper position of engine compartment. Then lay out the wires through the engine compartment to their proper position.
3. Lay the connector (for switch) of the wiring harness into the driver's compartment through the floor wall.
4. Connect black wire to negative terminal of the vehicle's battery then connect red wire to positive terminal.
5. Turn on the switch to test the whole system. If the lights don't operate properly, please check fuse/ground/wire/relay/battery/connector/switch/lamp/connections/relay.

Instal Pinch weld on bull bar

Step 1 Guard protector installation guide
Remove grill and Original plastic bumper as seen

Before

After
Step 2 Install mounting bracket on chassis

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<th>NO</th>
<th>PART NAME</th>
<th>QTY</th>
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<tr>
<td>2</td>
<td>Mounting Bracket</td>
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<td>6</td>
<td>Bolt M10x1.25x30 mm</td>
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<td>8</td>
<td>Bolt M12x1.25x25 mm</td>
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Step 3 Place a bullbar on mounting bracket
Step 4 Place steel skid plate on bull bar

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<th>NO</th>
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