• Ironman 4x4 BBCD063 Bull Bars fit to a Suzuki Jimny 2012+
• It will take about 3.5 hours to install.

**NOTE:** ALL DRILLED HOLES MUST HAVE ANTI-CORROSION TREATMENT APPLIED.
1. Before installation check bull bar application is compatible with your vehicle.

2. Remove and disregard bumper, bumper support and set aside grill for re-installation.

3. Place crush bracket inside chassis, then lift winch cradle into position and secure to chassis using 4 x M6 bolts and washers into the factory captive nuts.

4. Fit chassis support brackets to each side of the cradle using 2 x M10 bolts, washers and nuts. Fit the other side to the body using 2 x M8 bolts, washers and nuts. Tighten into place.
5. Using the support bracket as a guide, drill 4 holes through the chassis

6. Fit the straight strengthening bracket to drivers side, between the chassis and the support bracket fitted in previous step using the 2 x M12 bolts, washers and nuts. Attach to the tie down point.

   Line up the support bracket with the 4 holes drilled previously through the chassis and using the 4 x M12 bolts, washer and nuts. Tighten all bolts.

7. Fit the shaped support bracket to passenger side of vehicle on the outside of previously fitted support, use the supplied plate and 2 x M12 bolts, washers and nuts. Attach the tie down point.

   Using the spacer plate supplied, slide between the inside rails of the chassis and cradle. Align all holes and secure with 4 x M12 bolts, washer and nuts.
8. Drill remaining holes in the front cross member using the cradle as a guide.

9. Locate the 2 x holes behind the cross member.
   Using 2 x wire nuts feed inside the holes and pick 2 x M8 bolts and washers

10. Using the remaining wire nuts and 4 x M8 bolts and washers, attach the cradle to the cross member through the remaining holes in the front of the cradle.

11. Paint under the headlights, and grill support brace black.
12. Connect park lights, indicators and fog lights as per wiring diagrams on page 8 of Instruction Guide.

13. Re-fit the grill. To secure the lower section of the grill, use supplied self tapping screws through the grill lugs.

14. Lift bull bar into position using the M12 hardware supplied. Ensure there is a 10 - 15mm gap between the bar and guard. Tighten all bolts.

15. Fit centre under tray with 3 x M8 bolts and washers, use the 3 x M6 bolts and washers, use the 3 x M6 bolts and washers, plus the 10mm spacers at the rear of under tray. Ensure clearance of sway bar.
   Cut the inner guards and fit the side under trays using the rest of the M8 bolts and washers.
Winch Installation

1. Bolt fairlead to recess in front of bull bar using bolts, washers and nuts provided.

2. Fit bull bar to vehicle referring to steps of bull bar fitting instructions.

3. Mount control box in desired location.

4. Connect three colour coded cables to the corresponding poles on winch motor.
5. Connect the thin black earth wire and negative battery cable to the earth connection on the opposite side of winch motor.

6. Run the positive and negative battery cables into the engine bay taking care to secure cables away from any sharp or moving objects.

7. Connect positive and negative battery cables main battery of vehicle (Not Auxiliary Battery).

8. Attach breather hose to barb fitting on winch motor. Run hose to the highest available point in engine bay and cable tie in position. Cable tie hose away from any sharp, hot or moving objects.

Refer back to step 18 of the Bull Bar fitting instructions on page 5