

INSTALL TIME: 3 HRS APPROX.

PEOPLE REQUIRED: 2

EQUIPMENT NEEDED:

- SOCKET SET
- SOLDERING IRON
- SOLDER
- GREASE
- RUBBER MALLET
- DRILL
- 14MM DRILL BIT

STEP ONE:

Remove the factory plastic bumper from the vehicle along with the metal bumper bracket. To do this you will need to remove the bolts around the mudflap area along with the bolts underneath the back of the bumper and on the side of the chassis.

STEP TWO:

Use the drill and 14mm drill bit to drill out the captive nuts in the chassis that are used to mount the metal brace for the factory plastic bumper. This stage makes room for the larger bolts that will be used to hold on the bar.

STEP THREE:

Place the inner chassis brackets inside the chassis with the side with the nuts facing inwards. Slide the rear bar onto the vehicle with one person on each side. The bar will need to be angled down at this stage to ensure the front wing bolt bracket clears the vehicles quarter panel. Be cautious not to dent the back of the quarter panel with the carrier stubs.

STEP FOUR:

Align the bolts with the inner chassis bracket and thread them in, do not tighten them completely at this stage.

STEP FIVE:

Install the front chassis clamps. These will need to slide over the chassis so that they are inline with the front of the bars wings (bolt side up on 100 series, bolt side down on 105 series).



STEP SIX:

Install the front wing support plate. This should be aligned with both the front chassis clamp and the front of the bar wing. Use the supplied m10 bolts with large washers to bolt this in. Do not completely tighten at this stage.



STEP SEVEN:

With all bolts loosely installed, position the bar as desired, then follow a pattern, tightening the bolts around the bar so that it stays in the desired position once all bolts are fully tightened down.

STEP EIGHT:

Fit the carrier arms. To do this, you will need to install the following items onto the stubs in the respective order, bearing seal, large bearing (cone side up), the carrier itself, small bearing (cone side down), washer, castle nut, split pin, bearing cap. Please ensure all bearings are properly greased in this process. You will now be able to latch closed the carrier arm. Repeat these steps for the second arm.

STEP NINE:

Wire the tail lights to the trailer plug wiring.