

INSTALL TIME: 3 HRS APPROX.

PEOPLE REQUIRED: 2

EQUIPMENT NEEDED:

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

STEP ONE:

Strip down the vehicle by removing the factory bumper assembly, the tail lights in the bumper, the spare wheel and spare wheel bracket from the back door.

STEP TWO:

Slide the new rear bar over the chassis. To do this it is recommended to get a second person to help lift. Be cautious not to damage the tail lights with the carrier stub that is on the bar.

STEP THREE:

If the vehicle is not fitted with a tow bar, slide the provided aluminium shims in between the bar and the chassis to make up the space – failure to do so will cause the bar to bow.

If the vehicle is fitted with a tow bar, the tow bar itself will fill nearly the whole gap, if not the entire gap. If a small gap is still left, please use the shims to fill this.

STEP FOUR:

Thread the provided longer m10x1.25 bolts into the existing captive nuts in the chassis which used to hold the factory bumper and/or tow bar. Do not completely tighten 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. For the troop carrier, the bolt side of the clamp should face upwards.



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 m8 bolts with washers on both sides 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:

Adjust the bump stop so that the carrier arm stops at your chosen location.

STEP TEN:

Wire the tail lights. It is usually easiest to tap these wires into the trailer plug loom.

STEP ELEVEN:

Use the provided aluminium bracket to mount your number plate inside the rim on the carrier arm.