

Workshop 32

Nissan Mistral

(Maverick/ TerranoII)

Fabricating a front tow bar for the above R20 models

This is how I made a front detachable tow bar to fit a Nissan Terrano, and should fit a Ford Maverick and Nissan Mistral, the design in principal could be applied to other makes and models providing a secure anchor point exists, for the receiver tube.

materials need. 29cm of 40mm x 40mm square tube
26cm of 50mm x 50mm square tube
2 x 19mm x80mm bolts (same thread as bolts taken out)
2 x spring lock washers
4 x large thick washers
2 x spacers to fit inside 50mm tube, these are to stop the tube deforming when bolts tightened
1 x pin

On the near side remove the 2 bolts that are fitted to the chassis opposite to the towing eye, drill the 50mm tube to match the two holes.

When offering this box to the chassis you may find it won't fit flat because of a lip this is where the large washers are used as a spacer.

You will need to fit this box so that you can note the angle that the ball tube is cranked to make it parallel to the ground before welding.

Made in a morning....waiting for the paint to dry took the longest!.....Pushing makes it very manoeuvrable with the steering wheels so near to the ball, and its great for the NECK.....













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