

**TF002W: TERRAFIRMA COMMERCIAL “WARN” WINCH BUMPER – NON-AC COMPATIBLE****DEFENDER 90 / 110 / 130****FITTING INSTRUCTIONS**

Please note that this winch is designed to take the alternative Warn winches which do not utilise the usual 10” x 4.5” mounting bolt pattern (10mm holes)

Also note that our winches (TF3301 & TF3320) will not fit this bumper

1. Put the car into gear and apply the hand brake.
2. Remove the four retaining bolts that go down through the bumper in front of the grille.
3. Remove the standard front bumper but keep the two captive nut plates.
4. If fitted remove the bolts that go through the chassis retaining the standard front recovery / lashing eyes.
5. Refit the two captive nut plates onto the new front bumper bottom holes.
6. Make sure the front chassis members are clean and in good order.
7. Lift the new bumper up into place onto the front of the chassis making sure the captive nut plates stay in place on the bumper and then line up the mounting holes.
8. Refit the four bolts down through the chassis into the captive nut plates loosely
9. Line up the holes in the bumper side brackets with those in the chassis refit the bolts through the side brackets and chassis and tighten.
10. Tighten the four bolts down through the chassis.
11. Check all mounting bolts are secure before use, after 100 miles driving and on a regular basis

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