



Fitting Instructions

TOWBAR DT116
For NISSAN D22 PICKUP
- WITH BUMPER

MATERIALS

A	1	Cross Bar with European facing to 94/20/EC A50-1
B	1	Coupling Packer
D	2	Sidearm
D1	8	M12 x 40mm Bolts, Nuts, Lock Washers and bolt caps.
E	1	Right Hand Side Plate
F	1	Left Hand Side Plate
H	1	Right Hand Angle Cleat
J	1	Left Hand Angle Cleat
K	2	M10 Captive Bolt Insert
L	2	25mm O.D. bush, 52mm long
L1	2	M12 x 100mm Bolts, Nuts, Lock Washers and 4 Flat Washers (30mm O.D.)
M	8	M12 x 40mm Bolts, Nuts, Lock Washers and 10 Flat Washers (30mm O.D.)
N	2	M10 x 1.5 x 35mm Bolts, Nuts, 4 Lock Washers and 4 Flat Washers (25mm O.D.)
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Lower spare wheel.
- 2a. **Tubular bumper models** - Remove and discard bumper arms. Insert M10 Captive Bolt Insert (K) inside chassis, position over existing hole and loosely attach Angle Cleats (H) and (J) to (outside face of chassis) captive bolt strap (K) using Nut and Flat washer (N). Insert Side Plates (E) and (F) inside chassis and loosely attach using Bolts (N) with flat washers. **Note:** it may be necessary to remove the rear panel (6 bolts) to allow Side Plates (E) and (F) to be inserted into the chassis. Position Sidearms (D) against chassis and loosely secure using Bolts (M). Drill chassis for forward bolts (M) and (L1) using Sidearm (D) as a guide and secure using Bolts (M), (L1) and Bushes (L).
- 2b. **Chrome bumper models** - Loosen nuts (approx. 2 turns) securing bumper arm to bumper. Remove nuts securing the left hand bumper sidearm to vehicle chassis and discard captive bolt straps. Insert M10 Captive Bolt Insert (K) inside chassis, position over existing hole and loosely attach Angle Cleats (J) to (outside face of chassis) captive bolt strap (K) using Nut and Flat washer (N). Insert Side Plate (E) inside chassis and loosely attach using Bolts (N) with flat washers. Push bumper arm outwards to allow sidearm (D) to be inserted between bumper arm and chassis, loosely secure using Bolts (M). Drill chassis for forward bolts (M) and (L1) using Sidearm (D) as a guide and secure using Bolts (M), (L1) and Bushes (L). . - repeat procedure for right hand side.
3. Loosely secure Mainframe (A) to Sidearms (D) using Bolts (D1).
4. Tighten all bolts and fit bolt caps to Bolts (D).
5. **Tubular bumper models** - Loosely attach Bumper using original bolts at holes (X).

Note: This towbar must be used with either a Witter Towball (part number Z1X) or Class A50-1 or A50-X towball dimensionally Conforming to A50-1 with a 'D' and 'S' value greater than or equal to that of the towbar.

Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed**.

Recommended torque settings: M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm

