



Fitting Instructions

TOWBAR RN77
For RENAULT ESPACE
May 2003-

MATERIALS

A	1	Cross Tube	C	2	Sidearms
E	2	3mm Spacers	F	2	Bushes 40mm O.D, 29mm long
G	2	M12x140x1.75mm Bolts, Nuts, Lock Washers and Flat Washers (50mm O.D)			
H	1	M6 Nut, Lock Washer, Flat Washer and Bush 13mm O.D, 15mm long			
J	2	M14x40x2mm Bolts, Nuts, Lock Washers and 4 Flat Washers (27mm O.D)			
K	4	M14x40x2mm Bolts, Nuts, Lock Washers and Flat Washers (27mm O.D)			
U	1	M10x25x1.5mm Bolt, Nut, Lock Washer and 2 Flat Washers (25mm O.D.)			
ZEP1	1	Electrical Plate	ZEQ2	1	Electrical Plate Angle
ZF	1	Flanged Neck to EC 94/20-A50-1(ZF2030-B)			
V	2	M12x100x1.75mm Bolts and Nyloc Nuts (Grade 10.9-Torque setting 139Nm)			
CB	2	M16x50x2mm Coupling Bolts, Nuts and Lock Washers			

FITTING

1. Lower spare wheel (in boot, lift dust cover, unscrew bolt). Remove small side splash panel each side, rearward of rear wheels (two self tapping screws). lower exhaust (release nut on rearmost hanger).
2. Attach Cross Tube (A) using Bolts (J) with Spacer (E) between Cross Tube (A) and vehicle, and with Washer fitted to other side of valance.
3. Remove rear wheels, attach Sidearms (C) as shown, using Bolts (K and G), and Bushes (F), with washers orientated as shown and **bolt heads (G) on outside of chassis rail** (i.e. wheel side). Push Cross Tube (A) upwards (bend bumper tags out of the way) and orientated correctly, and **Tighten all bolts**.
4. Refit rear wheels, raise spare wheel and attach splash panels. Attach Flanged Neck (ZF) to Cross Tube (A) using Bolts (V), (N.B Grade 10.9, Torque Setting **139Nm**), with Electrical Plate Angle (ZEQ2) on left side. Use Bolts (H) and Bush to space down exhaust.
5. The Electrical Plate (ZEP1) can be positioned to the right or left of the towball (as shown). It can also be attached to the Electrical Plate Angle (ZEQ2) using Bolts (U).

Notes: This towbar must be used with either a Witter Towball (part number Z11) 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. Also for use with Witter Quantum Detachable Towball Unit (part number ZQ2030).

All bolts should be checked periodically for tightness, the interval depending on frequency and duration of towing.

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

Recommended torque settings: Grade 8.8 M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm
Grade 10.9 M12 - 139 Nm

