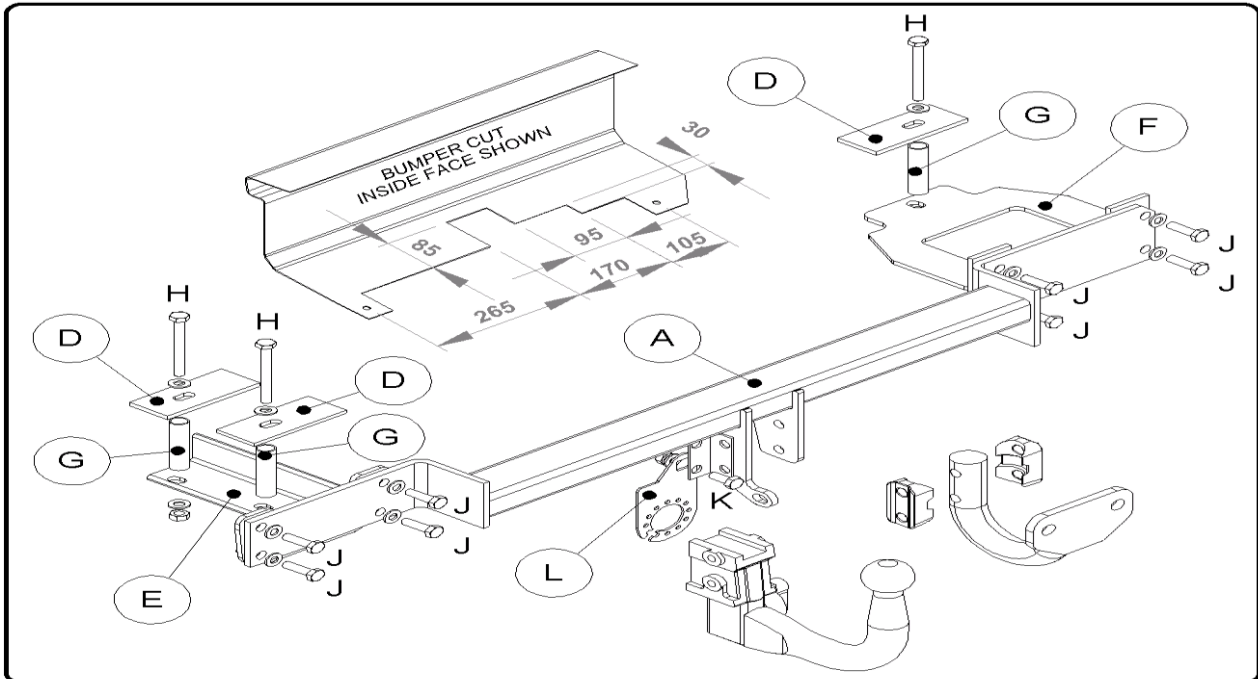


FITTING INSTRUCTIONS

Vauxhall Meriva

June 03 -

TVA092,TVA092DT



MATERIALS

A	1	Cross Bar
D	3	Spreader Plate
E	1	Left Hand Sidearm
F	1	Right Hand Sidearm
G	3	Bushes 19mm O.D, 82mm Long
H	3	M10 x 120 x 1.5 Bolts, Nuts, Lock Washers and 6 Flat washers (20mm O.D)
J	8	M10 x 35 x 1.5 Bolts, Nuts, Lock Washers and 16 Flat Washers (20mm O.D)
K	1	M10 x 25 x 1.5 Bolt, Nut, Lock Washer and 2 Flat Washers (20mm O.D)
L	1	Electrical Plate
M	1	Electrical Plate Angle
N	2	M12 X 100 X 1.75 Bolts and Nyloc Nuts (Grade 10.9)

FITTING

1. Remove Bumper (4 Plastic torx head screws along top side of bumper (be careful not to strip heads), 1 screw in each wheel arch, 4 plastic clips along bottom edge of bumper).
2. Remove aluminium crash beam (6 Nuts on inside of rear panel) and hand to customer for refitting when bar is removed).
3. Remove inner boot trim (plastic strip along rear panel, floor trim, storage tray, wheel arch trims and loosen bottom of side trims).
4. Locate dimples on top face of chassis rails for fixings (H). Drill through top face of chassis rail, of sufficient diameter to insert bushes (G), Loosely attach side arms (E) and (F) and spreader plates (D) ensuring they span chassis rails.
5. Loosely attach cross bar (A) using fixings (J). Tighten all Bolts.
6. Attach neck option as per separate fitting instructions and electrical plate angle (M) using fixings (N). Attach electrical plate (L) using bolt (K).
7. Cut bumper as shown, refit bumper. (Note: Protect bumper from damage when refitting).

Note: This towbar must be used with a Class A50-1 or A50-X towball, which dimensionally conforms to A50-1 with a 'D' and 'S' value greater than or equal to that of the towbar.

Recommended torque settings: Grade 8.8 bolts: M8 - 24Nm, M10 - 52 Nm, M12 - 80 Nm, M14 - 130 Nm, M16 - 200 Nm Grade 10.9: M12 - 120Nm, M10 - 70Nm M8- 35Nm