



Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting



Issue 7

TFD3A FORD RANGER 4X4 ONLY 2012>

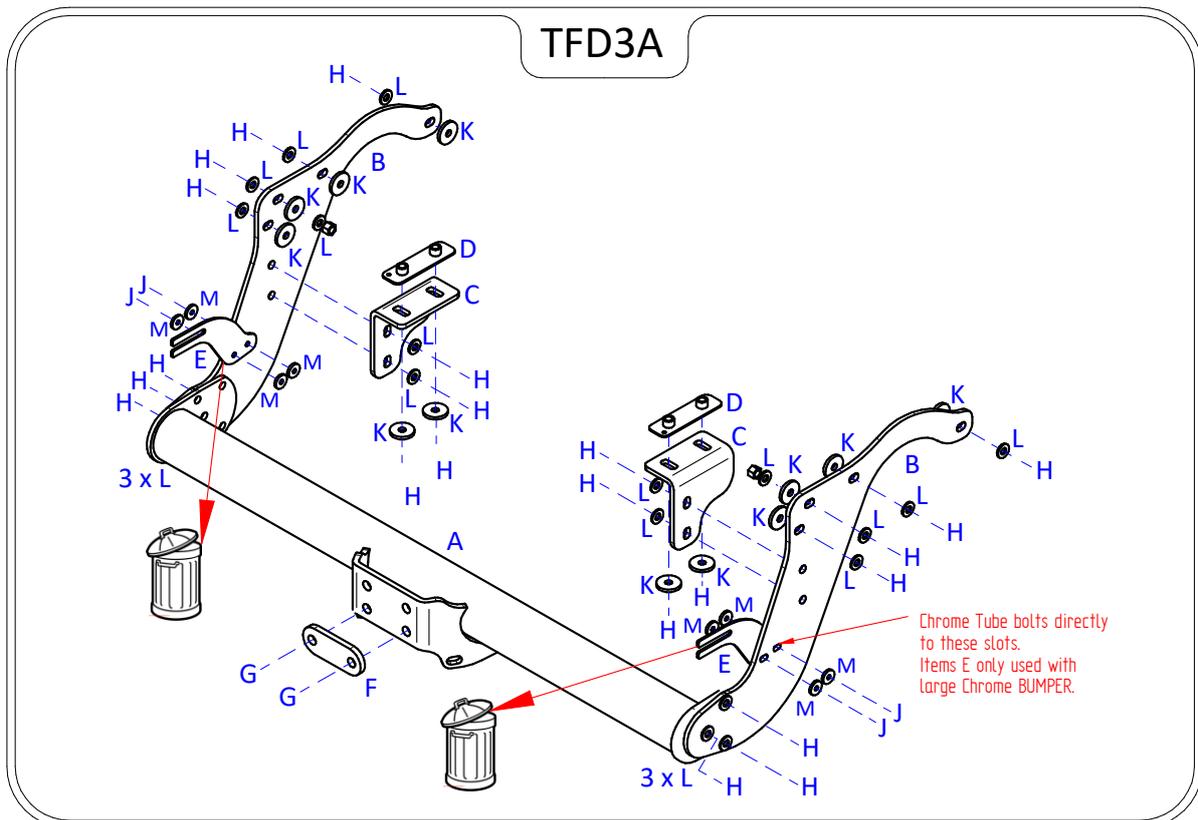
Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	G	2	M16 x 60 Bolts & Nyloc Nuts
B	2	Side Arms	H	22	M12 x 40 Bolts, 12 Nyloc Nuts & 12 S/P Washers
C	2	Handed Angle Brackets	J	4	M8 x 35 (10.9) Bolts & Nyloc Nuts
D	2	Clamp Plates	K	12	12 x 40 Flat Washers
E	2	Bumper Brackets	L	20	12 x 25 Flat Washers
F	1	Coupling Spacer	M	8	8 x 25 HD Flat Washers
			N	10	M12 Bolt Caps

Bumper / Round Tube removal:

1. If fitted remove the bumper / round tube from the vehicle, two fixings found on each outer chassis member.
2. Remove the brackets from the bumper / round tube, and discard.

Towbar Installation:

1. Insert Item **D** into the open end of each chassis member and align over rearmost vertical mounting points.
2. Using Item **H** with Item **K** fit Items **C** to each correct chassis.
3. Using Item **H** with Item **L** loosely attach each side arm (Item **B**) to Items **C**.
4. Using Item **H** with Item **L** and ensuring Item **K** is fitted between Items **B** and the chassis members fit each side arm to the remaining Towbar mounting points on the vehicle.
5. Place Item **A** between side arms and fix in place using **H** with Item **L**.
6. Using Item **G** bolt your desired ball bracket and wiring plate (not supplied in this kit) to Item **A**.
7. If fitted, refit the rear bumper / round tube to Items **B** with Items **J** and **M**. **NOTE:** Bumper models use Item **E** as its new brackets using original fixings to attach bumper to Items **E**.
8. Fully tighten all nuts and bolts ensuring Towbar is rigid square and secure. **NOTE:** vehicles fitted with rear bumper, ensure the rear bumper sits square to Towbar and vehicle.



Note:

1. Recommended Torque Setting for M12 Grade 10.9 -139 Nm. (For other Torque Settings see notes overleaf.)
2. Nose load limits and vehicle manufacturers trailer / caravan weight limits must be observed.