



Towbar Fitting Instructions
To Suit Ford Transit Cab Chassis 1/01-ON
Part Number QTFD1100L
Rating 3000Kg

1. Remove tail light assembly mounting frame.
2. Remove tail light connection plugs from inside of chassis rail.
3. Remove shipping hook bolts and retain, **note** leave shipping hook in place.
4. Lift towbar into position to align with holes on inside face of each chassis rail and support.
5. Fit bolts spring washers fitting plates and nuts (items 1, 2, 3 & 4), **note** use original bolts through shipping hook.
6. Tighten all bolts to torque listing below.
7. Refit tail light assembly mounting frame and cable tie looms.
8. Attach the plastic hitch box collar (item 8) by applying firm even pressure.
9. Insert the tongue (item 7) into the hitchbox and secure with "R" clip and pull pin (items 5 & 6)

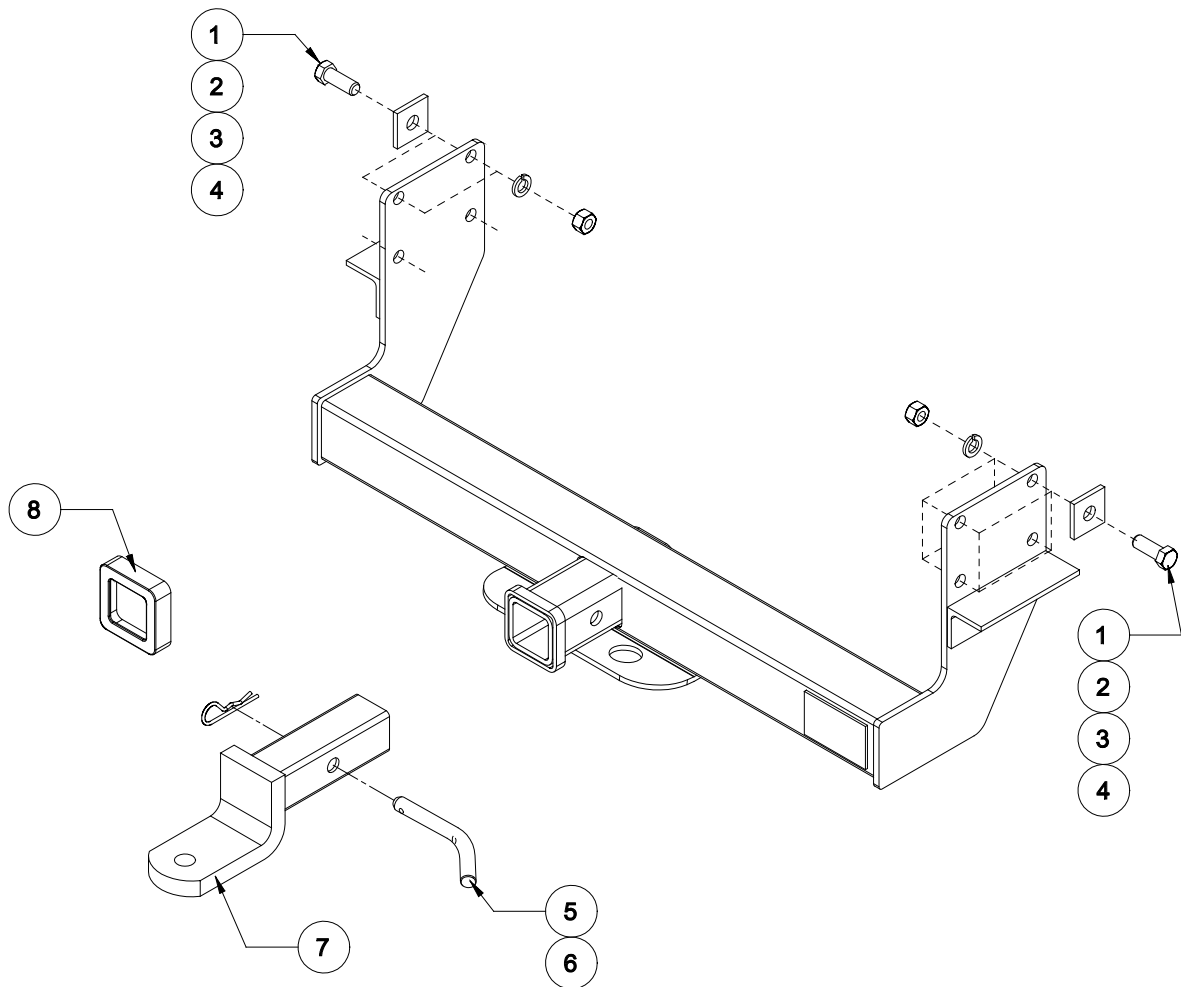
COMPONENT KIT

ITEM No.	DESCRIPTION	QTY	TORQUE Nm
1	M14 x 40 – 2.0P BOLT	6	121.0
2	FITTING PLATE 45x6x45 Ø17	6	
3	M14 SPRING WASHER	6	
4	M14 x 2.0P NUT	6	
5	PULL PIN (PIN_04)	*1	
6	"R" CLIP (PIN_01)	*1	
7	TONGUE (5196)	1	
8	COLLAR COVER (COL_04)	1	

Note: * One of each item 5 and 6 is used to secure the tongue to the towbar during transit.



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Wiring Loom Fitting Instructions
To Suit Ford Transit Single Cab
Part Number 100180-WL

Wiring Loom Installation Instructions

Ford Transit Single Cab Chassis
Part No: 100180-WL

Kit Part Includes:

Trailer Patch Harness P/No: 100180-WL

Power Harness P/No: 100180-PH

ECU Required Part No: 04835

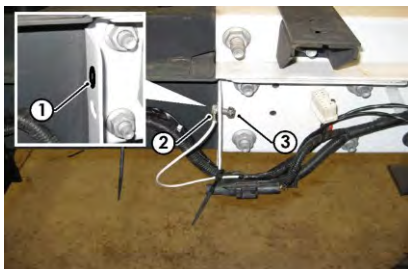
RPA Override Switch Part No: 04848 (If Fitted)

Wiring Loom Installation Time: Approx 15 Mins



Wiring Loom Fitting Instructions
To Suit Ford Transit Single Cab
Part Number 100180-WL

1. Remove the grommet from the rear LHS of the cabin (grommet required for use later do not discard).
2. Inside the driver's cabin, gain access to the battery by sliding the battery cover open.
3. Secure the power harness (P/No: 100180-PH) ring terminal to the battery positive terminal using the existing fastener.
4. Route the rest of the power harness underneath the carpet and then up towards the LHS of the cabin.
5. Route the power harness through the cabin LHS grommet hole.
6. Outside the LHS rear of the cabin, retrieve the power harness. Cut a notch onto the previously removed grommet and route the power harness connector through. Adjust the grommet along the harness until it is seated correctly into the grommet hole.
7. From the grommet area, route the power harness along the chassis rail following the main harness all the way. Secure with 200mm cable ties every 200mm (not supplied).
8. Disconnect the LHS and RHS tail light connectors and patch the trailer patch harness (P/No: 100180-WL) connectors into the LHS tail light. Route the trailer patch harness across the chassis/crossbeam to the RHS tail lights. Patch the trailer patch harness connectors in between the RHS tail light.
9. Drill out a 10mm hole into the sheet metal area as indicated (1). Secure the trailer patch harness ground ring terminal (2) using an appropriate bolt and washer (3).



10. Using silicone or electrical grease, water proof the back of the trailer patch harness ECU connector and then connect it into the ECU (P/No: 04826). Secure the ECU into place on the inner rail of the LHS chassis using double sided tape or cable ties (not supplied).
11. Water proof the trailer patch harness 8-way female connector and the tail harness (tail length 1200mm) 8-way male connector by using silicone or electrical grease.
12. Connect the trailer patch harness 8-way female connector to the tail harness 8-way male connector.
13. Route the tail harness across the towbar and secure the tail socket to the towbar mounting bracket using M4 fasteners. Secure the harness to the towbar using cable ties (not supplied).



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14. Test the Trailer socket using a light board or multi-meter.
15. Secure all harnesses using cables ties (not supplied).
16. Refit all removed parts and secure all fasteners.
17. Place instructions in glove box after fitment.



FITTING INSTRUCTIONS

Silent Anti-Rattle Hitch Pin (PR0001)

• These fitting instructions are supplied to ensure understanding of how the HITCH PIN should be fitted and used correctly.

• Once installed, we recommend **ALL** instructions are kept and placed in the vehicle glove box.

NOTE: Routine maintenance and inspection of the towbar & HITCH PIN is required. Regularly inspect for wear and check the tightness of the Hitch Pin. Follow instructions below to retighten the nut when necessary.

***Do not tow with your vehicle if the R CLIP or the HITCH PIN is loose or missing. Replacement parts are available from your Pro Series Distributor.**

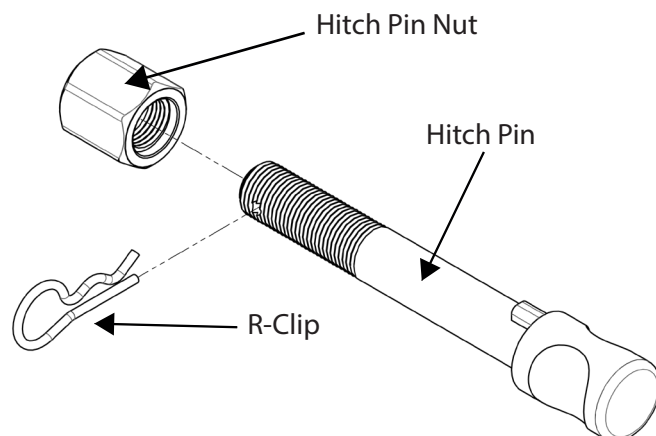


Fig 1. Silent Anti-Rattle Hitch Pin assembly

STEP 1

Insert Trailer Ball Mount (TBM) into towbar HITCHBOX, aligning hole in TBM SHANK with hole in HITCHBOX (Fig 2).

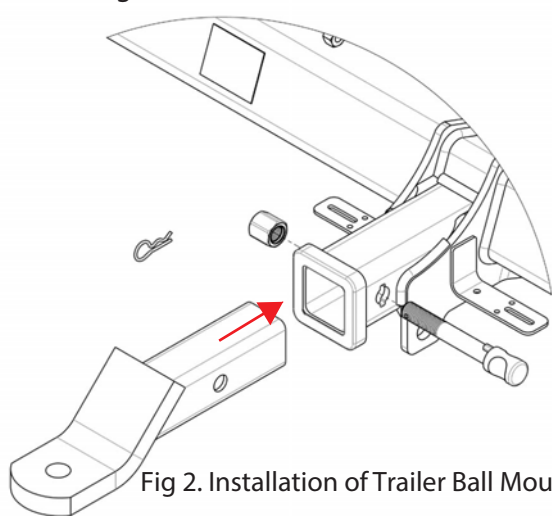


Fig 2. Installation of Trailer Ball Mount

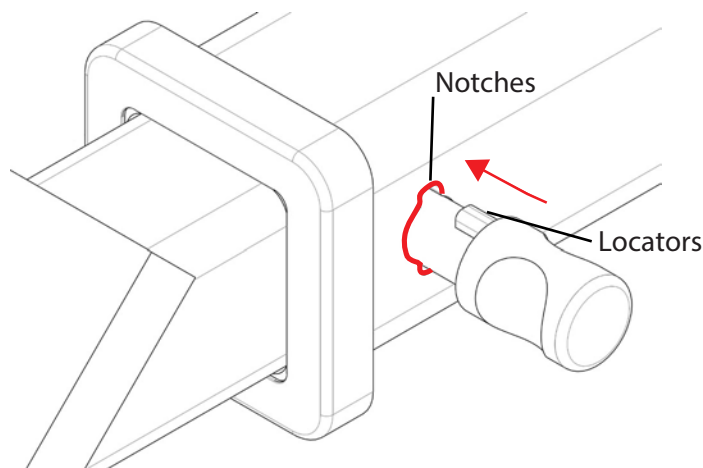


Fig 3. Silent Anti-Rattle Hitch Pin orientation

STEP 2

Insert HITCH PIN through hole in HITCHBOX and hole in TBM SHANK; ensure the LOCATORS are inserted into the NOTCHES in the HITCHBOX (Fig. 3).

STEP 3

Screw HITCH PIN NUT onto HITCH PIN ; tighten HITCH PIN NUT until finger tight, ensuring TBM is restrained from movement.

STEP 4

Tighten HITCH PIN NUT by turning nut a further 1/8th of a turn in the clockwise direction using a 24mm spanner (Fig. 4).

STEP 5

Install HITCH PIN R CLIP through the hole on the HITCH PIN (Fig. 1).

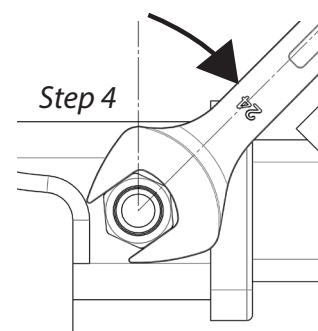


Fig 4. Tightening of Silent Anti-Rattle Hitch Pin Nut