



## **FORD TRANSIT 350L & 350E/470E JUMBO VAN CARGO BARRIER INSTALLATION INSTRUCTION**

**Part # 107425**

VEHICLE YEARS OF MANUFACTURE - From September 2014  
(suits all roof heights)



This cargo barrier is capable of being located in one position only, directly behind the factory fitted bulkhead, or directly behind the 1st row of seats with the bulkhead removed. The installation kit contains sufficient components for fitment to both locations. A high degree of technical competence is necessary to correctly install this product.

We recommend this cargo barrier be installed by an authorised outlet to ensure the barrier installation complies with AS/NZS 4034 Standard.

The cargo barrier is designed, manufactured and fitted to decrease the impact hazard in an accident to occupants from cargo carried within the interior cargo space of the vehicle. In the event of an accident, a cargo barrier can reduce injuries caused by cargo intruding into occupant's space.

**Installation time approximately 0.5 Hour**

"The estimated fitting time is based on an experienced fitter conversant with the fitment procedure"



### **WARNINGS**

- **Strict compliance with fitting instructions is essential for this safety product to meet its rated capacity. Refer user instructions regarding correct usage of the cargo barrier.**
- **Do not modify cargo barrier in any way.**
- **Do not use this cargo barrier in any other vehicle for which it is not designed.**
- **Modifications to the cargo barrier or its fixings or use in any other vehicle for which it is not designed may void the load rating and warranty.**
- **Do not attach the cargo barrier to the vehicle using seat, seat belt or child restraint anchorage's.**
- **Where high tensile threaded fasteners are used, the cargo barrier must be installed using the size and grade fasteners specified by Milford Industries.**
- **Do not drill, rivet, adhere or attach objects to the front or rear of the cargo barrier.**
- **Do not place smaller items, that may bypass the cargo barrier in the event of heavy braking or collision, near the edges of the barrier.**
- **Position the load against the cargo barrier.**
- **When load is positioned against cargo barrier, secure the load with a restraint system.**
- **During a collision moving cargo may damage seat belts or tether straps of a child restraint device, or its anchorage. Load should be carefully positioned so as not to come in contact with these items.**
- **Do not obstruct seat belts or child restraints, or their operation.**
- **Long thin items of cargo should be positioned in the vehicle with the long axis across the vehicle to minimise the penetration risk.**
- **If involved in an accident or accidentally damaged, the cargo barrier should be replaced and the anchorage's repaired to as new condition.**
- **Clean with soap and water only. Do not use solvents or chemicals. Discard cargo barrier if it becomes rusted. Do not expose to direct sunlight for long periods.**
- **It is extremely dangerous to ride in the cargo area of the vehicle behind the cargo barrier. It is recommended that the cargo barrier be removed. In a collision people or children riding unrestrained in these areas are more likely to be seriously injured or killed.**
- **Never leave a child in the vehicle unattended, particularly in the rear cargo area. The cargo area should never be used as a play area for children.**
- **The cargo barrier may deform and significantly intrude into occupant's space in an accident.**
- **Remember that the tailgate cannot be opened from inside the cargo area.**
- **The fixed labeling should not be removed from the cargo barrier.**
- **Failure to comply with warning notes may prevent the barrier protecting the occupants.**
- **Parents should explain to children how and when to use *EMERGENCY ESCAPE HAMMER* attached to cargo barrier.**
- **Do not remove the rating plaque from the cargo barrier.**

### **NOTICE TO INSTALLERS & DISTRIBUTORS**

***Please ensure User Instructions are left with vehicle owner after installation.***



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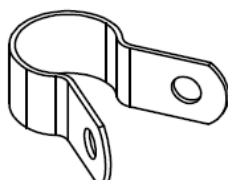
**IMPORTANT:** The installation kit contains sufficient components to fit the cargo barrier. A high degree of technical competence is necessary to correctly install this product. We recommend this cargo barrier be installed by an authorised outlet to ensure the barrier installation is correct. These instructions must be read and clearly understood before commencing installation. Check contents of kit before commencing fitment and report any discrepancies or damage.

## Parts List

Item	Component Name	Part No.	Qty
1	Cargo Barrier ASM (not shown)	107425	1
2	Bush - Pivot Saddle	752680	2
3	Pivot Saddle	752700	2
4	Screw - Hex Head, M10 x 1.5 x 20mm ZP	912205	4
5	Hex Nut - Nyloc, M10 x 1.5 ZP	922090	4
6	Tube Spacer - Ø16mm x 8mm ZP	754543	4
7	Screw - Hex Head, M6 x 1.0 x 35mm ZP	912791	4
8	Washer - Spring, 6mm ZP	932060	4
9	Washer - Flat, 6mm ZP	932282	4
10	Strap - Side	776843	2
11	Strap - Top	776904	2
12	Label - Warning (orange)	905017	1



2



3



4



5



6



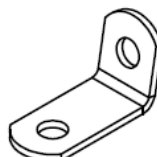
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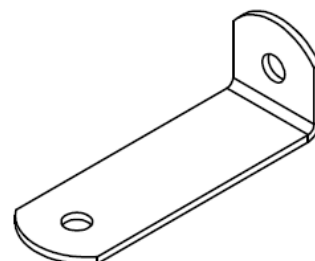
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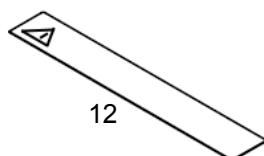
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**E and OE—Errors and Omissions Excepted**



### ADVICE TO FITTER

**Note:** To fit the cargo barrier the following is essential: (where applicable)

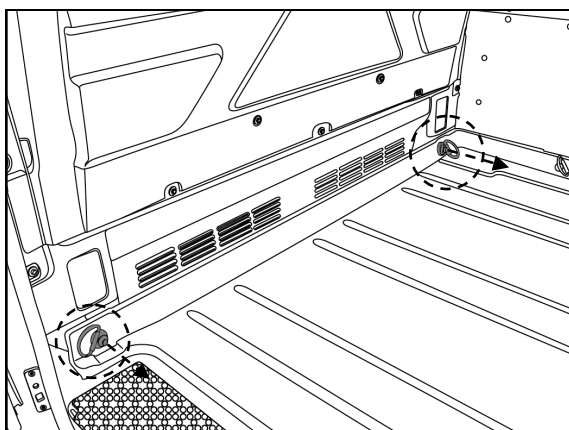
- ☐ Always drill perpendicular to surface (Unless stated otherwise).
- ☐ A positive drill stop should always be used to prevent accidental damage to external panels, fuel lines etc.
- ☐ Ensure Safety Eye Protection and Gloves are worn as required when using cutting tools.
- ☐ When cutting metal panels be very careful of sharp edges, for risk of skin cuts etc.
- ☐ Care should be taken when applying Rust Preventative sealer to all holes drilled, to negate the possibility of skin and eye irritation.
- ☐ Check screws in relevant components by hand before installation. Should there be resistance re-tap threads and re-check.
- ☐ **Before marking or drilling to install this cargo barrier, check vehicle for LPG conversion & non standard fuel tanks. Locate tanks and all lines attached and take EXTREME CARE not to damage whilst installing this cargo barrier.**
- ☐ **Before drilling to install this cargo barrier, check for concealed wiring looms. E.g. tow bar, reversing camera, reversing sensor wiring etc.. Relocate before drilling to avoid damage.**

**CARE SHOULD BE TAKEN NOT TO CROSS THREAD THE FASTENERS DURING INSTALLATION OF COMPONENTS TO THE VEHICLE.**

### TOOLS REQUIRED

- Socket wrench
- Metric hex sockets
- Metric spanners
- Torque wrench (9Nm)
- Torque wrench (22/44Nm)

### PREPARATION FOR CARGO BARRIER INSTALLATION



1. If not required remove the factory fitted bulkhead.
2. At the front of the cargo area remove the two front tie down anchors (circled).



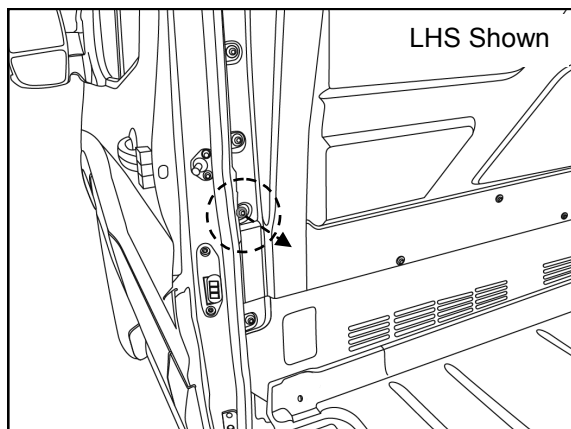
# FORD TRANSIT 350L & 350E/470E JUMBO VAN CARGO BARRIER INSTALLATION INSTRUCTION

Part # 107425

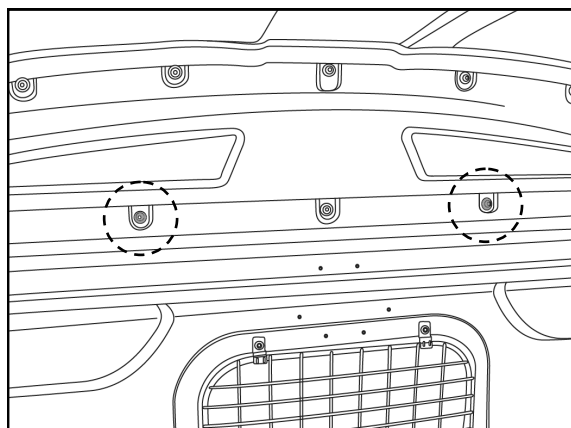
VEHICLE YEARS OF MANUFACTURE - From September 2014  
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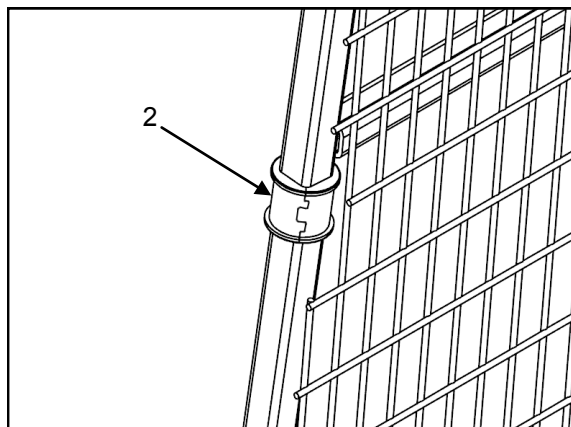
## PREPARATION FOR CARGO BARRIER INSTALLATION - Cont'd



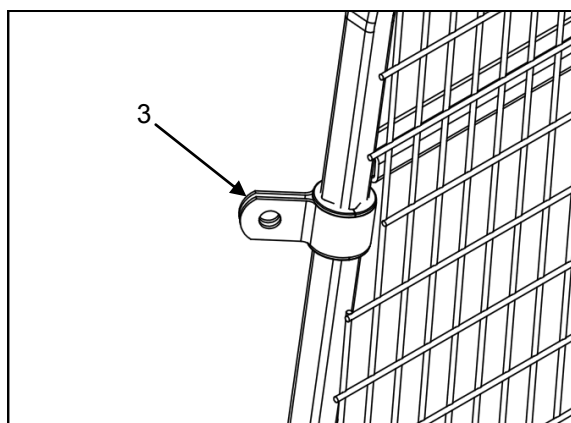
3. At the front of the cargo area remove the screw (circled) and discard. Repeat on the other side.



4. At the front of the cargo area near the roof line remove the screws (circled) and discard.



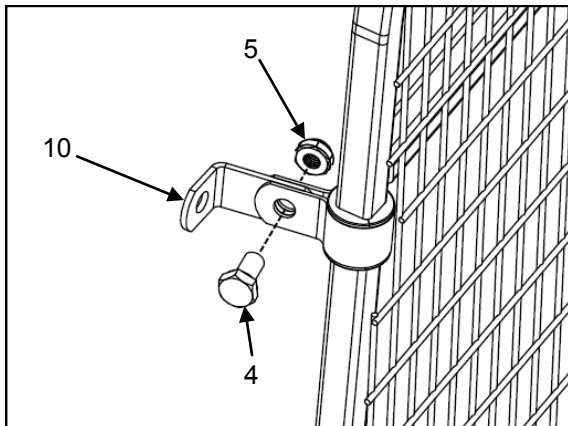
5. On the sides of the cargo barrier at each of the cut outs in the cargo barrier mesh, place a pivot saddle bush (2) over the frame and clip shut. (2 places)



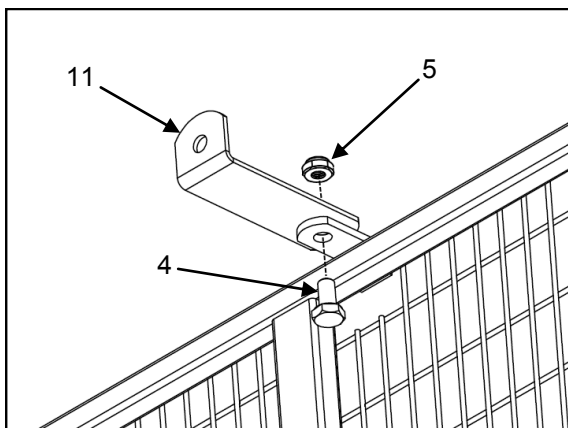
6. Place a pivot saddle (3) over each of the pivot saddle bushes then push the ends together to clamp over the bush as shown.



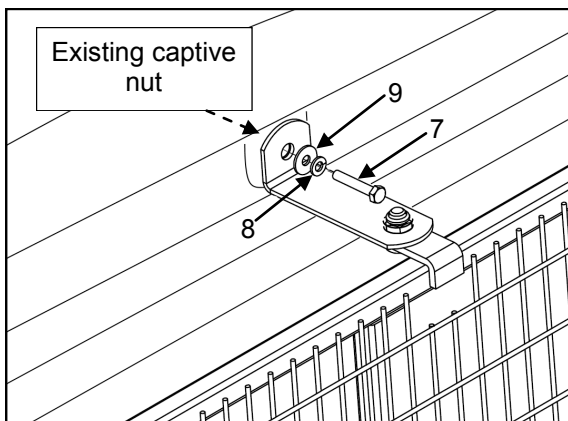
### CARGO BARRIER ASSEMBLY AND INSTALLATION



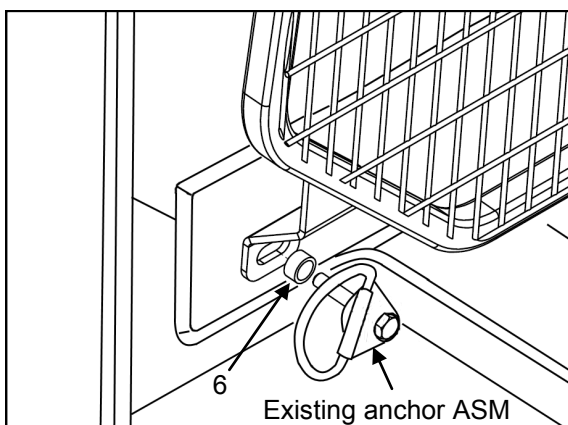
7. Place a side strap (10) in between the side saddle ends as shown, then secure in place using an M10 hex screw (4) and nyloc hex nut (5).
7. Tighten the screw so the strap is firm in the saddle but can still be pivoted.
8. Repeat on the other side.



9. Position a strap (11) on top of a cargo barrier top bracket as shown then secure in place using an M10 hex screw (4) and nyloc hex nut (5). Do not fully tighten at this stage.
10. Repeat for the other top bracket.



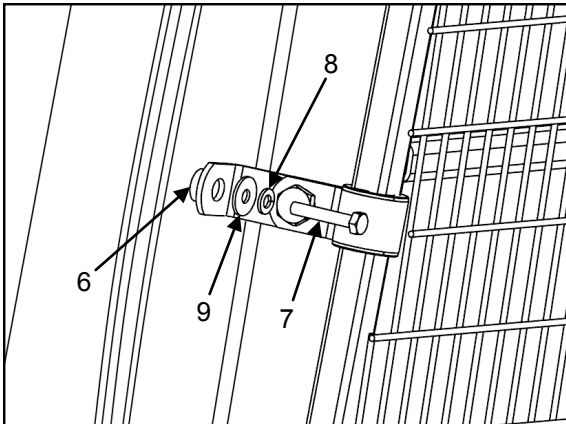
11. Manoeuvre the cargo barrier into position at the front of the cargo area with the meshed side of the barrier facing the rear of the vehicle.
12. Loosely secure the top straps to the existing captive nuts using hex screws (7) with spring & flat washers (8 & 9) under heads.



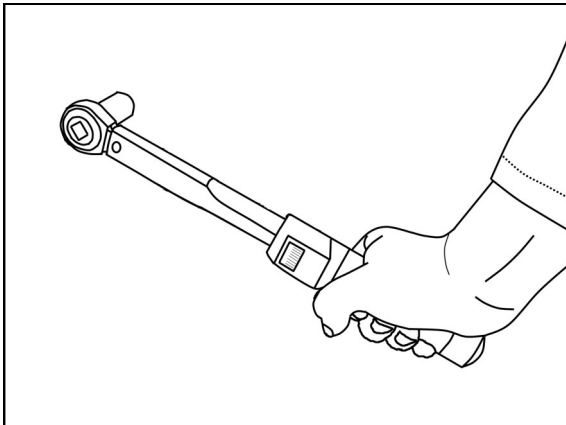
13. Position the cargo barrier bottom brackets over the 'D' anchor captive nuts then secure in place using the existing 'D' anchors, with a tube spacer (6) in between the bracket and the D anchor. Leave loose at this stage.



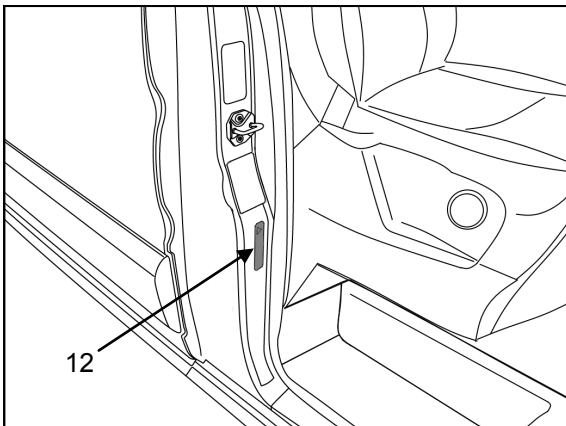
### INSTALLATION OF CARGO BARRIER IN VEHICLE - Cont'd



14. With a tube spacer (6) in between the side straps and the vehicle panel, secure the side straps to the existing captive nuts using hex screws (7) with spring & flat washers (8 & 9) under heads.



15. With all fasteners in place tighten and torque up.
- M6 - 9Nm
  - M10 'D' anchor - 44Nm
  - M10 saddle and strap - 17Nm



17. On the inside of the drivers door opening clean the area shown.
18. Affix the orange warning label (12) to the panel at this location.