

Cat. No. F-267

DESTINATION

Tow bar F-267 for a Ford Mondeo (5D) is designed for towing a trailer. This ball hook has a current certification of approval authorizing the product with e4 certification sign.

FITTING CONDITIONS

Tow bar F-267 can be used and operated in a car with proper technical conditions of body elements. Those parts cannot be mechanically damaged. The ball hook has to be installed and operated in a car according to this instruction. All bolts and nuts in ball hook have to be screwed down with proper torque (Mo). Torque values are given below:

M8	-	25 (Nm)	M12	-	85 (Nm)
M10	-	50 (Nm)	M16	-	200 (Nm)

OPERATION CONDITIONS

The tow bar F-267 has a rating plate describing correct and safe loads of the hook:

Typ: F-267	The tow bar for Ford Mondeo (5D)
A50-X	Tow bar class (compressing device)
e4 00 - 3952	Tow bar certification of approval number
D = 11,6 kN	Theoretical related force working on a ball hook
S = 90 kg	Max permissible vertical load of the hook ball
R = 2150 kg	Max permissible load of towing trailer

D - force is calculated using the following formula:

$$D = g \times \frac{T \times R}{T + R} \text{ kN}$$

T-technically permissible maximum mass in tonnes of the towing vehicle (also towing tractors) including, if necessary, the vertical load of a centrale axle trailer.
R-technically permissible maximum mass in tonnes of the full trailer with drawgal free to move in the vertical plane or of the semi-trailer.
g-acceleration due to gravity (assumed as 9,81 m/s²)

During operating individual elements of ball hook should be kept in a proper technical condition and protected from corrosion. The trailer must be linked with an elastic joint with proper durability (cord, chain) while towing. It is necessary to check periodically bolt joints during operating the ball hook. If screws are eased, it is necessary to screw them down.

FITTING

The tow bar F-267 for Ford Mondeo (5D) is made up of elements as follows:

1. Towbar mainframe	- 1 piece	7. Bolt M12x65	- 2 pieces
2. Tow ball	- 1 piece	8. Spring washer Ø10,2	- 6 pieces
3. Electrical socket plate	- 1 piece	9. Spring washer Ø12,2	- 2 pieces
4. Special washer Ø40/Ø10,5x3	- 6 pieces	10. Flat washer Ø13,0	- 2 pieces
5. Holder - set	- 2 pieces	11. Nut M12	- 2 pieces
6. Bolt M10x40	- 6 pieces		

Follow the general directions in order to fit F-267 tow bar properly:

1. Rear bumper cutting is not required. Rear bumper removal is necessary.
2. Remove rear bumper and metal-strengthening (the strengthening will not be used anymore).
3. Lower the silencer and remove thermal-protection sheet.

15.04.2009.

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4. Attach (1) to the car chassis side members and tight using (6) in accordance to the drawing.
5. Refit thermal-protection sheet and silencer.
6. Refit the rear bumper.
7. Attach (2) and (3) to the (1), using (7) according the drawing.

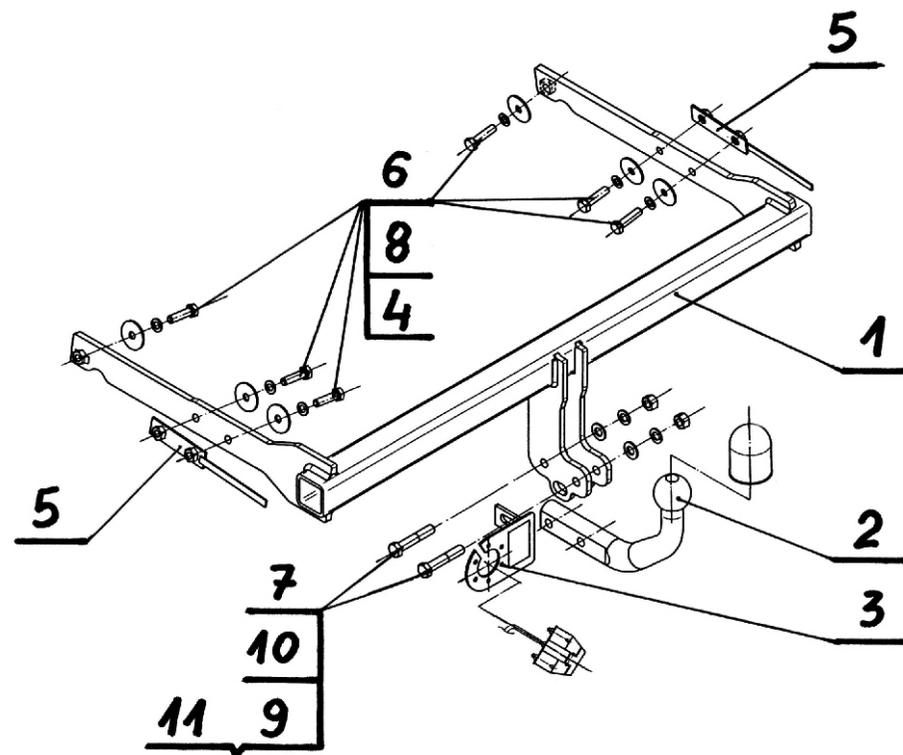
Obeying this instruction assures correct montage and the tow bar operating in a Ford Mondeo (5D).

After assembling of the tow bar F-267 you have to get entry in cars registration book in a quality control station.

CAUTION:

All mechanical damages of tow bar excludes its further exploitation. Damaged ball hook **cannot be repaired**. In case of braking the rules of montage or unproper usage manufacturer **do not take responsibility** for arised damages.

MONTAGE DIAGRAM:



NOTE:

Bunch of wires is not included (in total price).

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