

TOW BAR P-035 FOR PEUGEOT 406 (4D) (10/1995 - 2004 r.) FITTING AND OPERATION MANUAL.

Nr kat. P-035

DESTINATION

Tow bar **P-035** for a **Peugeot 406 (4D)** 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 **P-035** 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 **P-035** has a rating plate describing correct and safe loads of the hook:

Typ: P-035 A50-X e4 00-3534 D = 8,6 kN S = 80 kg R = 1700 kg	The tow bar for Peugeot 406 (4D) Tow bar class (compressing device) Tow bar certification of approval number Teoretical related force working on a ball hook Max permissible vertical load of the hook ball Max permissible load of towing trailer
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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 **P-035** for **Peugeot 406 (4D)** is made up of the following elements :

1. Towbar mainframe	- 1 piece	9. Bolt M12x35	- 6 pieces
2. Tow ball	- 1 piece	10. Bolt M12x65	- 2 pieces
3. Electrical socket plate	- 1 piece	11. Flat washer 10,5	- 4 pieces
4. Right support	- 1 piece	12. Flat washer 13,0	- 4 pieces
5. Left support	- 1 piece	13. Spring washer 10,2	- 4 pieces
6. Cage nut M10 (CH-006.02)	- 4 pieces	14. Spring washer 12,2	- 8 pieces
7. Cage nut M12 (CH-007.01)	- 2 pieces	15. Nut M12	- 6 pieces
8. Bolt M10x35	- 4 pieces		

In order to mount the ball hook **P-035** you have to obey the instruction below:

1. Rear bumper cutting is not required.
2. In **Peugeot 406 4D (10/1995 - 02/1999)** the rear bumper should be take off.
3. Take the tow bar for peaces.
4. Into existing holes in both chassis side member insert (6), and next screw (4) and (5) through the holes, using (8) with (11) and (13).
5. Screw (4) and (5) to back strip through the holes using (9) with (14) and (12).

WARNING:

In **Peugeot 406 4D (10/1995 - 02/1999)** on back strip exist welded nuts M12 to which the supports will be screwed.

In **Peugeot 406 4D (03/1999 - 2004)** on back strip exist fabricall made holes in which shoulg be placed (7), and next screw to them supports.

6. Between (4) and (5) place (1), and next screw it using (9) (14) and (15).
7. Mount rear bumper.
8. To mounted (1) screw (2) using (10) (14) (12) and (15), and from the left side of (2) element (3).
9. Check if all screws and nuts are correctly tightened.

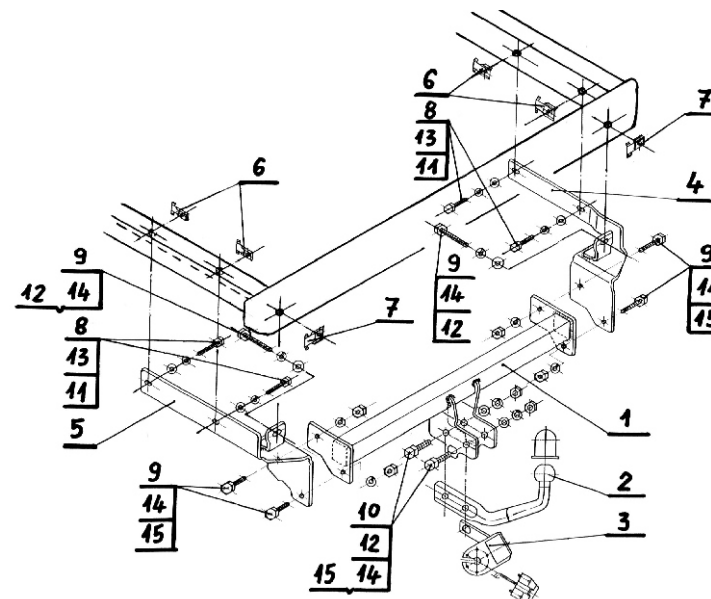
Obeying this instruction assures correct montage and the tow bar operating in a Peugeot 406 (4D).

After assembling of the tow bar **P-035** 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).