



TOW BAR V - 028 FOR VW CADDY FITTING AND OPERATION MANUAL.

(02/2004 - -> r.)

Nr kat. V-028

DESTINATION

Tow bar V-028 for a VW Caddy is designed for towing a trailer. This tow bar has a current certification of approval authorizing the product with E20 certification sign.

FITTING CONDITIONS

Tow bar V-028 can be used and operated in a car with proper technical conditions of body elements. Those parts cannot be mechanically damaged. The tow bar has to be installed and operated in a car according to this instruction. All bolts and nuts in tow bar 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 V-028 has a rating plate describing correct and safe loads of the hook:

Typ: V-028 A50-X	The tow bar for VW Caddy Tow bar class (compressing device) Tow bar certification of approval number Theoretical related force working on a tow bar Max permissible vertical load of the tow bar Max permissible load of towing trailer
E20 55R-01 1356	
D = 9,4 kN	
S = 80 kg	
R = 1650 kg	

During operating individual elements of tow bar 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 tow bar. If screws are eased, it is necessary to screw them down.

FITTING

Tow bar V-028 for VW Caddy is made up of elements as follows:

- | | | | |
|---------------------------------|------------|------------------------|------------|
| 1. Tow bar's body | - 1 piece | 6. Bolt M12x40 | - 4 pieces |
| 2. Ball hook | - 1 piece | 7. Bolt M12x65 | - 2 pieces |
| 3. Electrical socket holder | - 1 piece | 8. Spring washer Ø12,2 | - 6 pieces |
| 4. Special washer Ø40/Ø12,5x2,5 | - 4 pieces | 9. Flat washer Ø13,0 | - 2 pieces |
| 5. Bolt M6x12 | - 4 pieces | 10. Nut M12 | - 2 pieces |

Follow the general directions on order to install V-028 tow bar properly:

1. Rear bumper cutting is not required.
2. Dismantle rear bumper from the back of the car and a tow bar into kit form elements.
3. Remove rear bumper strengthening (useless after fitting).
4. Place (1) to rear bumper and screw down using (5).
5. Put (1) with rear bumper into longitudinal chassis elements to fit inner support holes with visible screwed pins.
6. Mount (1) to the bottom of longitudinal chassis then screw down using (6) with (4), (8).
7. Mount (1) to the back stripe using fabric nuts M12.
8. Install rear bumper.
9. Mount (2) and (3) into (1) using (7), (8), (9), (10).

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NOTE :

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

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10. Check if all fixing bolts, nuts are screwed hard enough.

Obeying this instruction assures correct montage and the tow bar operating in a VW Caddy.

After assembling of the tow bar V-028 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 tow bar cannot be repaired. In case of braking the rules of montage or improper usage manufacturer do not take responsibility for arised damages.

MONTAGE DIAGRAM :

