

### DESTINATION

Tow bar **M-375** for a **Mitsubishi Space Star** is designed for towing a trailer. This ball hook has a current certification of approval authorizing the product with **E20** certification sign.

### FITTING CONDITIONS

Tow bar **M-375** 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 **M-375** has a rating plate describing correct and safe loads of the hook:

|   |  |
|---|--|
| Typ: <b>M-375</b><br><b>A50-X</b><br><b>E20</b> <b>55R-01 1522</b><br><b>D = 7,7 kN</b><br><b>S = 75 kg</b><br><b>R = 1400 kg</b> | The tow bar for <b>Mitsubishi Space Star</b><br>Tow bar class ( compressing device )<br>Tow bar certification of approval number<br>Theoretical related force working on a ball hook<br>Max permissible vertical load of the hook ball<br>Max permissible load of towing trailer |
|---|--|

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 **M-375** for **Mitsubishi Space Star** is made up of the following elements:

|                             |            |                       |            |
|-----------------------------|------------|-----------------------|------------|
| 1. Tow bar's body           | - 1 piece  | 8. Bolt M12x65        | - 2 pieces |
| 2. Ball hook                | - 1 piece  | 9. Spring washer 10,2 | - 8 pieces |
| 3. Electrical socket holder | - 1 piece  | 10.Spring washer 12,2 | - 2 pieces |
| 4. Right angle              | - 1 piece  | 11.Flat washer 10,5   | - 8 pieces |
| 5. Left angle               | - 1 piece  | 12.Flat washer 13,0   | - 2 pieces |
| 6. Bolt M10x30              | - 2 pieces | 13.Nut M10            | - 2 pieces |
| 7. Bolt M10x(1,25)x40       | - 6 pieces | 14.Nut M12            | - 2 pieces |

In order to mount the ball hook **M-375** you have to obey the instruction below:

- 1.Rear bumper cutting is required.
- 2.Dismantle tow bar into kit form elements and dismantle rear bumper.
- 3.Place (1) to the external side of chassis frames. Then screw all together down with originally welded nuts M10x(1,25) in chassis frames using (7), (9) and (11).
- 4.Place (4) and (5) to chassis frames and (1), then screw all together down with originally welded nuts M12x(1,25) in chassis frames using (7), (9) and (11).
- 5.Screw (4) and (5) down with (1) using (6), (11), (9) and (13)
- 6.Place rear bumper and mark place and size of a cut-out, then cut it out.
- 7.Mount rear bumper.
- 8.Mount (2) into (1) using (8), (12), (10) and (14), screwing (3) on the left side of (2) at the same time.
- 9.Check if all fixing bolts are screwed hard enough.

**28.04.2005.**

**Nr kat. M-375**

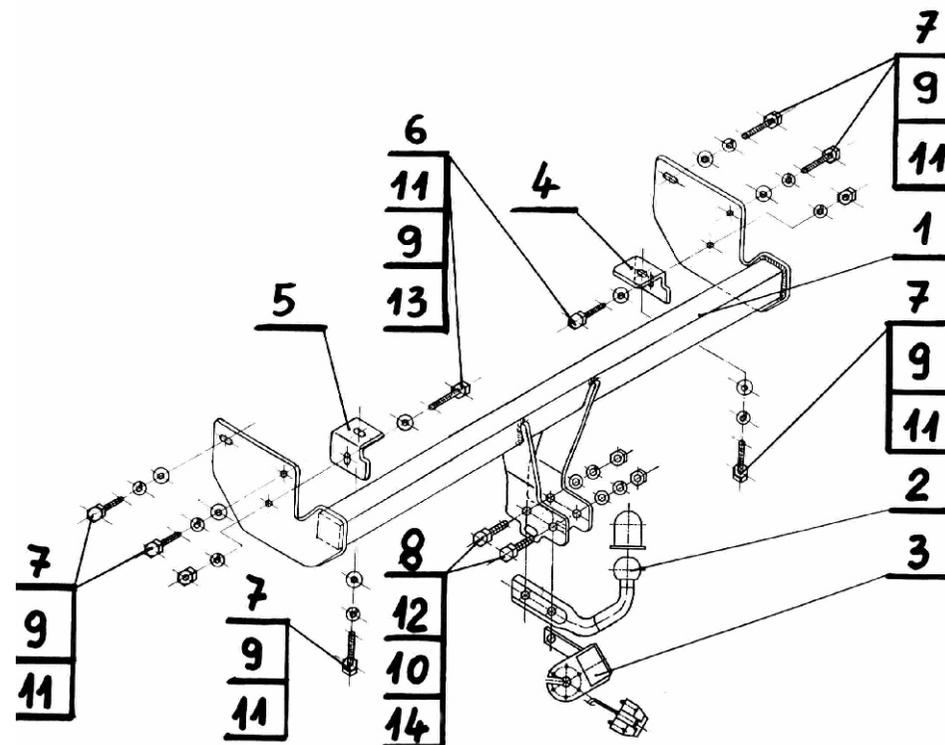
Obeying this instruction assures correct montage and the tow bar operating in a Mitsubishi Space Star.

After assembling of the tow bar **M-375** 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).

**Nr kat. M-375**