

# AUTO-HAK Sp. z o.o.

ul. Słoneczna 16K 76-200 SŁUPSK  
POLAND

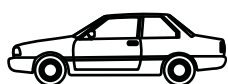
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# AUTO-HAK



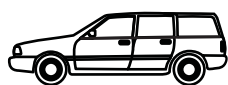
**BMW 5 (F10)**

4D, ~~M Pakiet/M5 i Active Hybrid~~



03.2010 → 02.2014

03.2014 →



**BMW 5 (F11) Touring**

KOMBI, ~~M Pakiet/M5~~



09.2010 → 02.2014

03.2014 →

Nr kat.

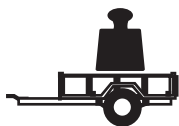
**B18A**

**E20**

**E20-55R-01 3817**

**D**

**11,8 kN**



**R=2200 kg**



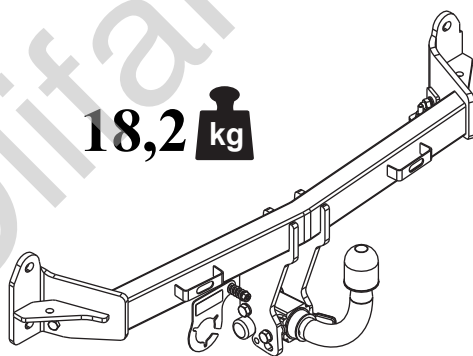
**S=100 kg**



**2h**



**18,2 kg**



FULL VERSION INSTRUCTION



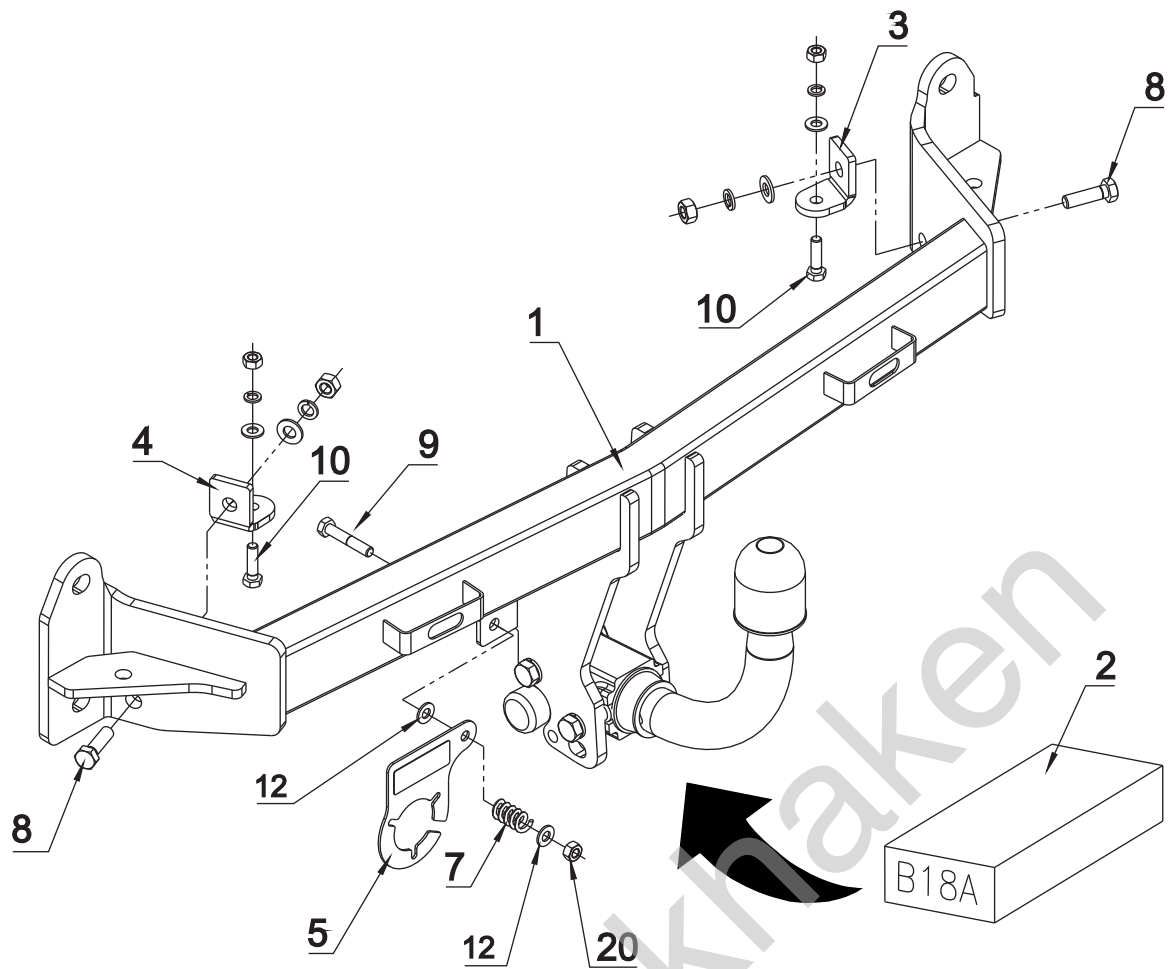
| śruba      | Nm | M6  | M8 | M10 | M12 | M14 | M16 |
|------------|----|-----|----|-----|-----|-----|-----|
| klasa 8.8  |    | 9,9 | 24 | 48  | 83  | 132 | 200 |
| klasa 10.9 |    | 14  | 34 | 67  | 117 | 185 | 285 |

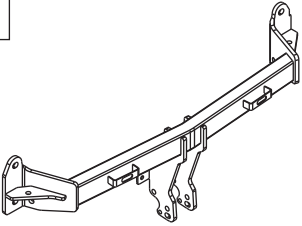

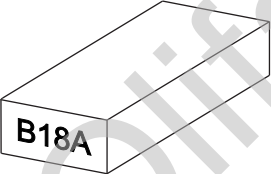









**0 km**



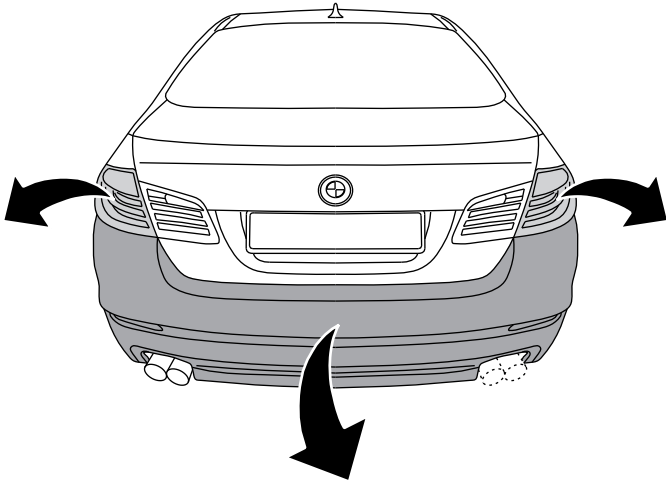
**1000 km**



|   |     |   |     |                |     |
|---|-----|---|-----|----------------|-----|
|                    | x 1 |  | 8   | M10x35         | x 2 |
|   |     |   | 9   | M 8x45         | x 1 |
|   |     |   | 10  | M 8x20         | x 2 |
|   |     |   | 11  | ∅ 10.5         | x 2 |
| <br>Art.nr-KL1B18A | x 1 |  | 12  | ∅ 8.4          | x 4 |
|   |     |   | 13  | ∅ 10.2         | x 2 |
|   |     |   | 14  | ∅ 8.2          | x 2 |
|   |     |   | 15  | M10            | x 2 |
|                    | x 3 | 16  | M 8 |                |     |
|   |     |   |     |                |     |
|                    | x 1 |   |     |                |     |
|                    | x 1 |   |     |                |     |
|                    | x 1 |   |     |                |     |
|   |     |   |     | Art.nr-BL1B18A |     |
|                    | x 1 |   |     |                |     |
|                    | x 1 |   |     |                |     |

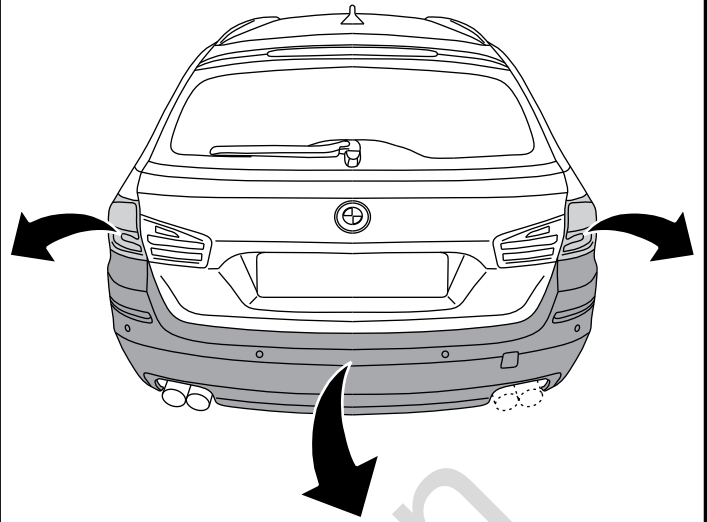
⚠ Limousine ⚠

01



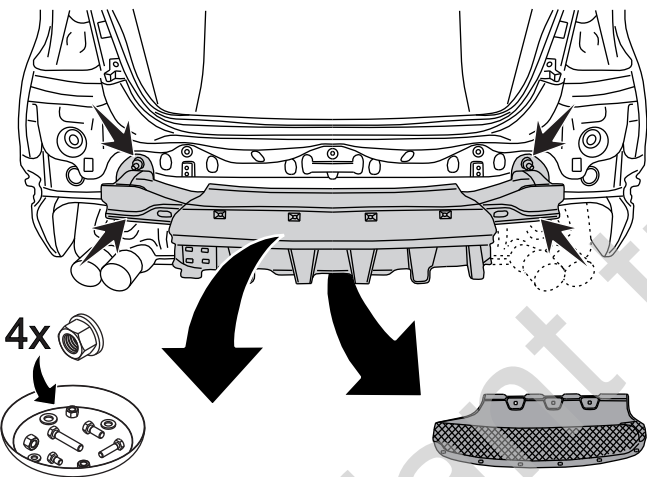
⚠ Touring ⚠

02



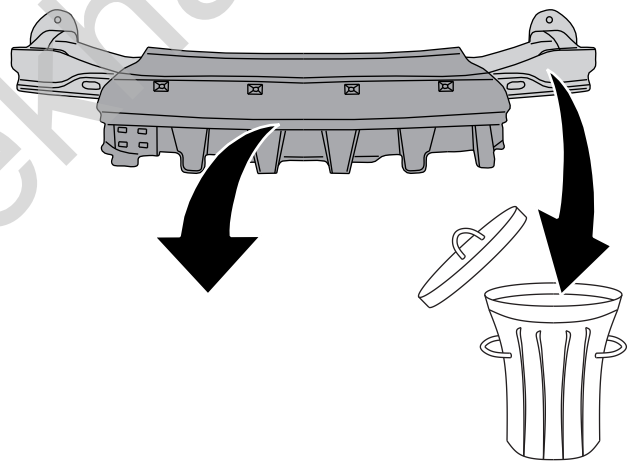
⚠ Limousine ⚠

03



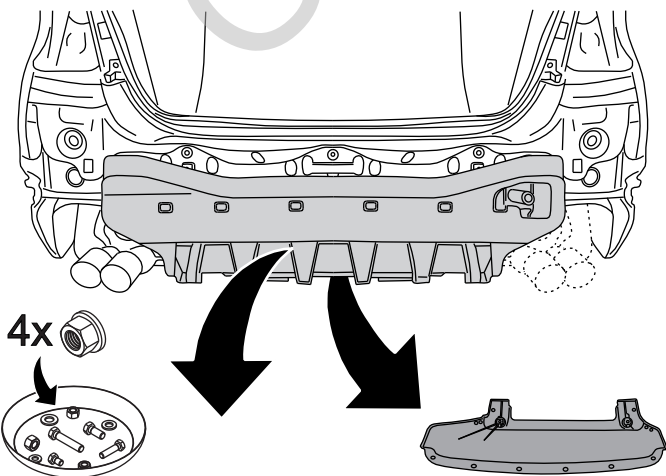
⚠ Limousine ⚠

04



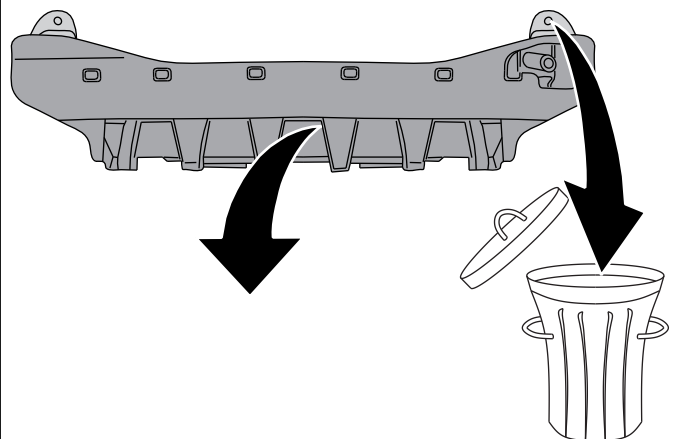
⚠ Touring ⚠

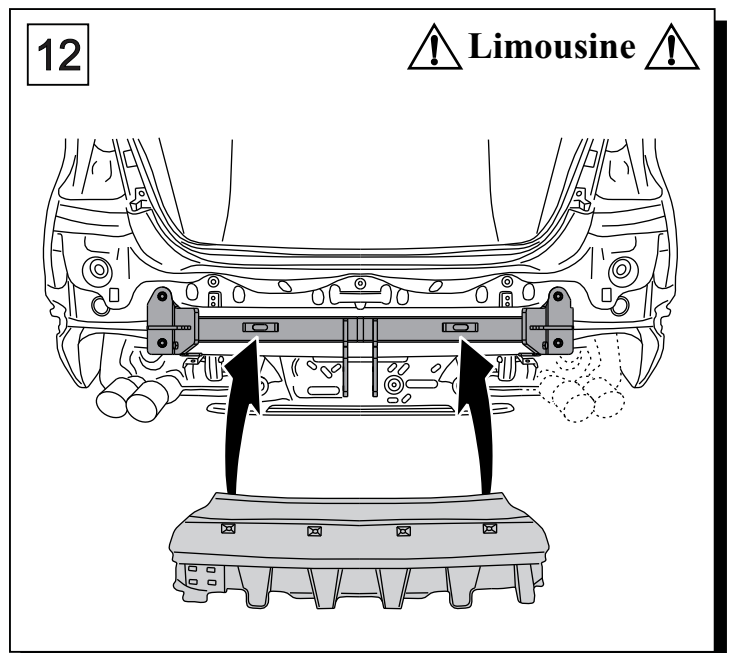
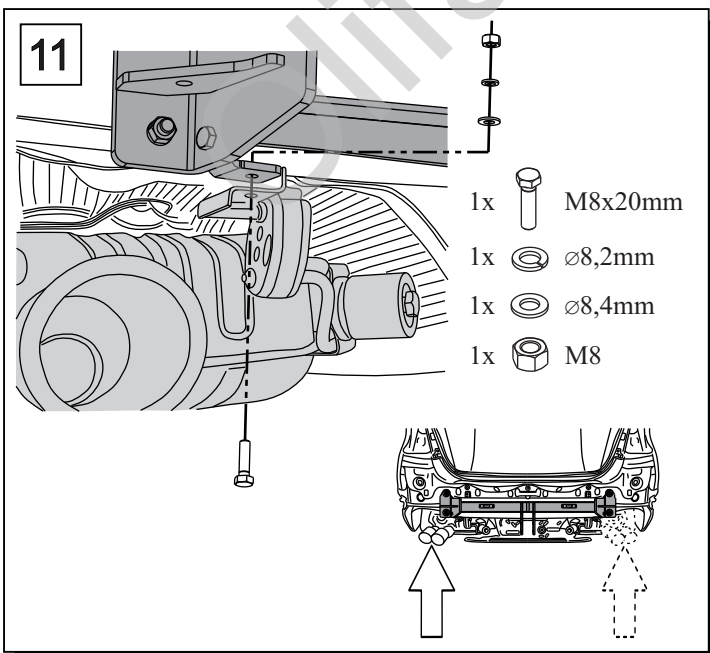
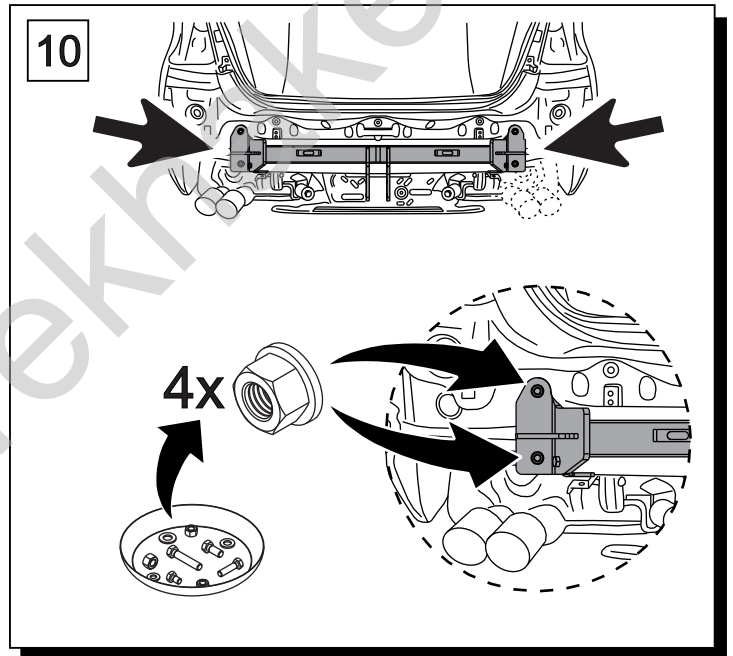
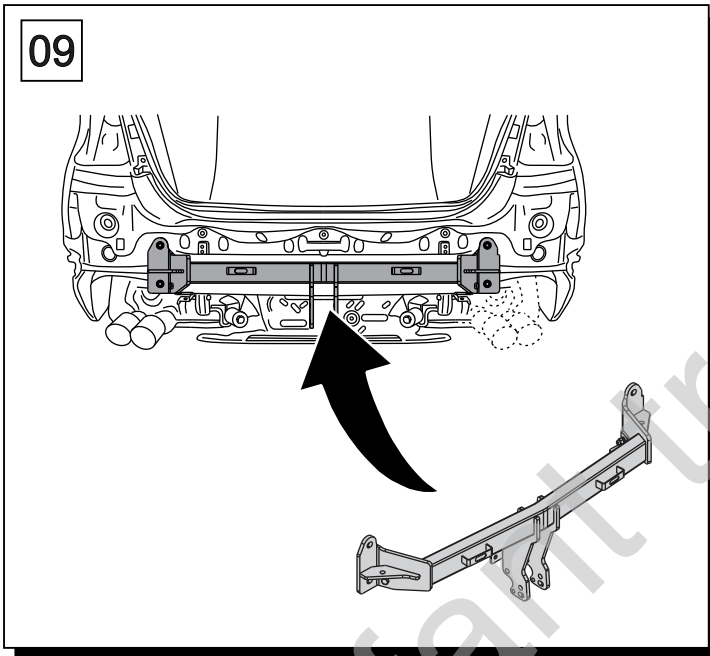
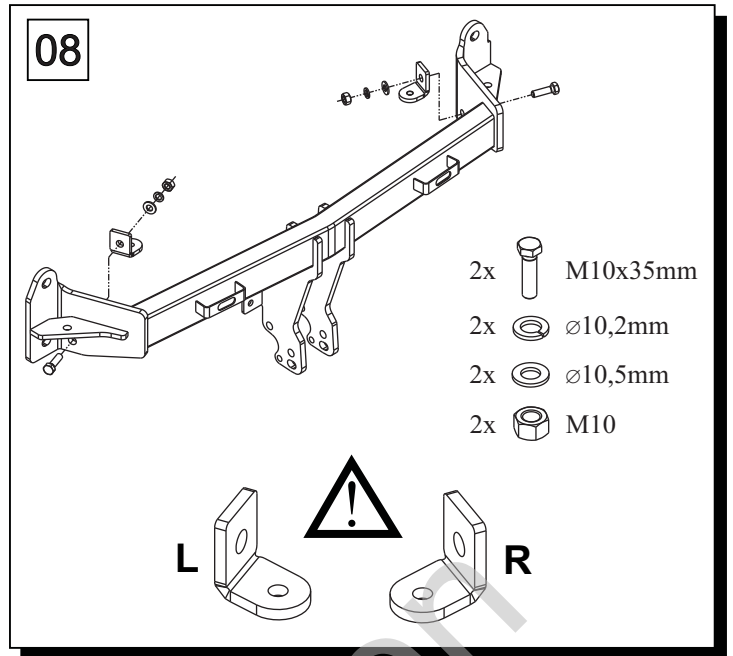
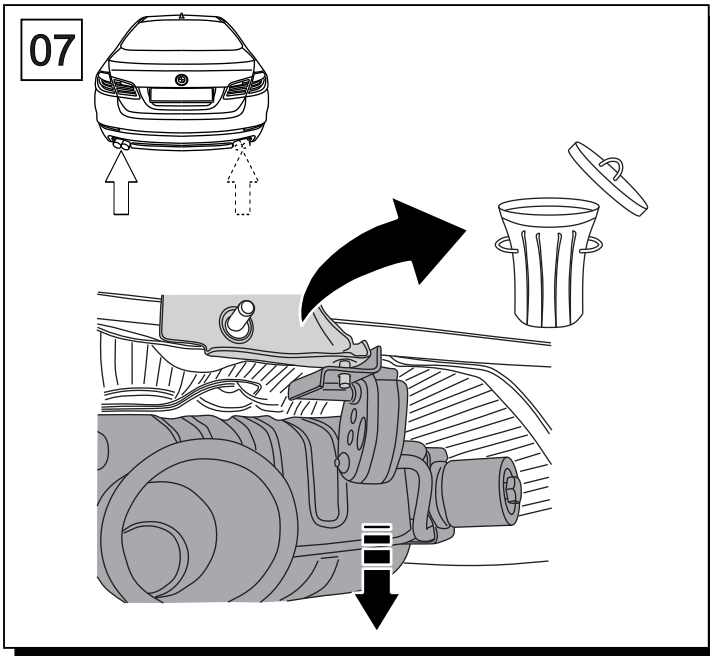
05



⚠ Touring ⚠

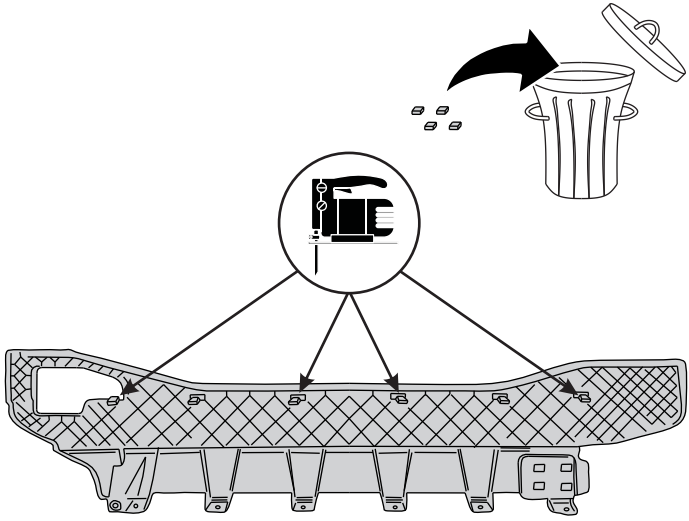
06





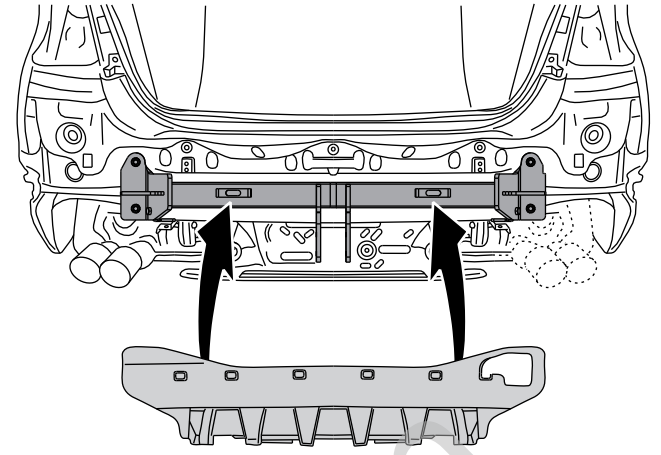
! Touring !

13



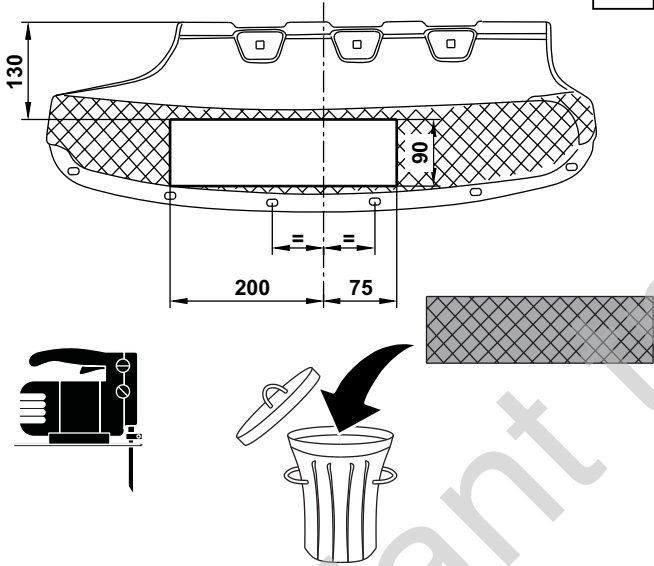
! Touring !

14



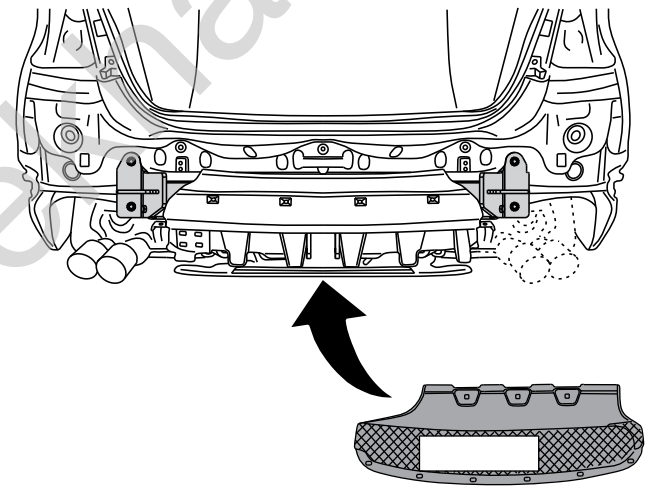
! Limousine !

15



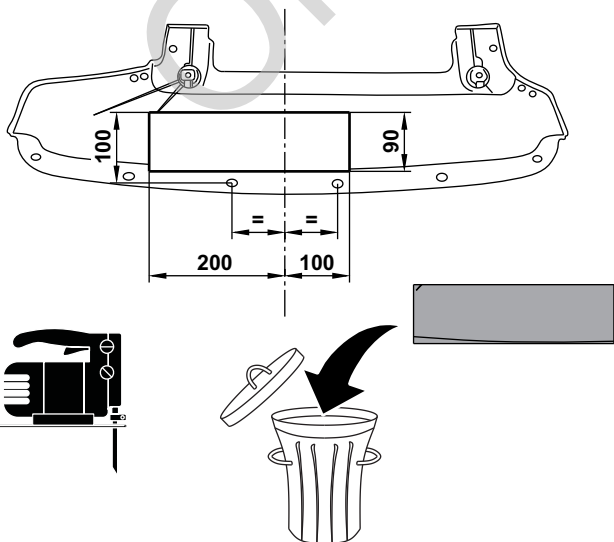
! Limousine !

16



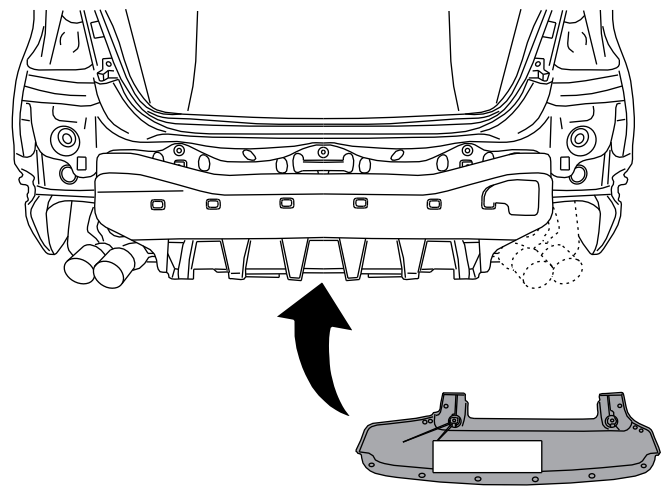
! Touring !

17



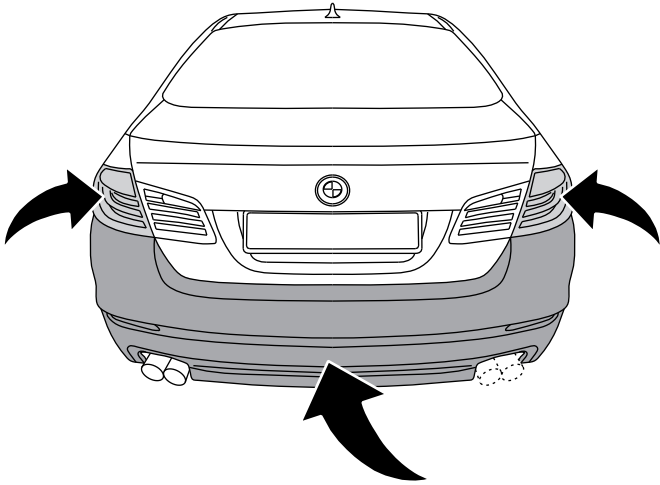
! Touring !

18



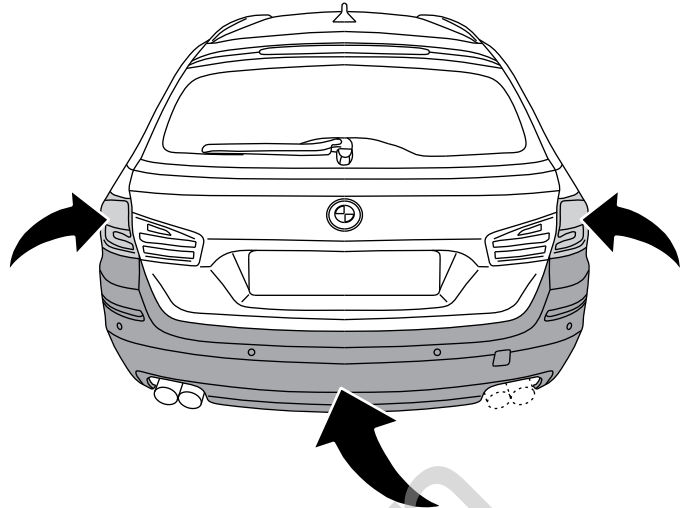
19

! Limousine !

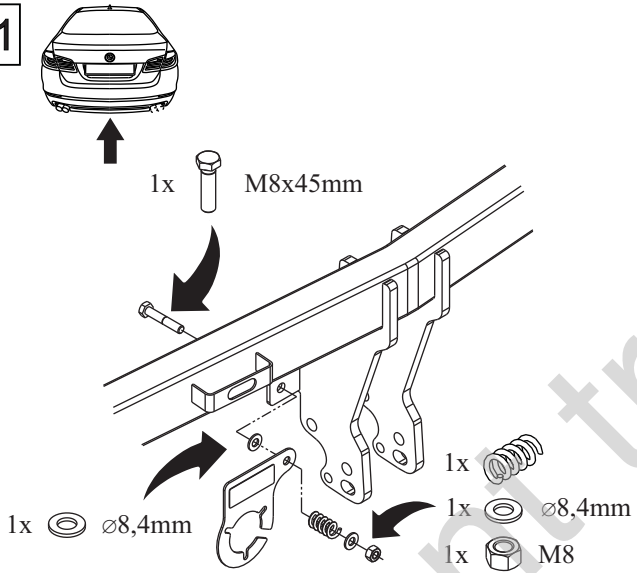


20

! Touring !



21



22

