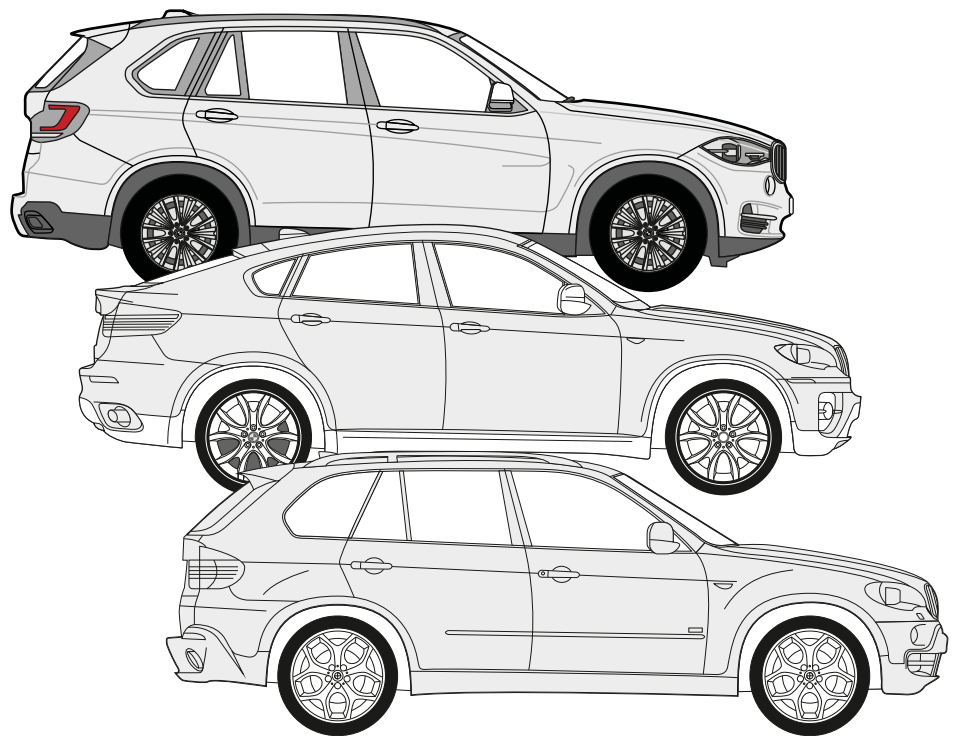


**BMW X5 [E70] (2007-2012)**  
**BMW X5 [F15] (2013- )**  
**BMW X6 [F71] (2008-2014)**  
**BMW X6 [F16] (2015- )**





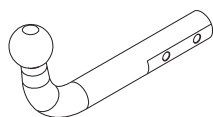
# ECE/R55

BMW X5 [E70] (2007-2012)

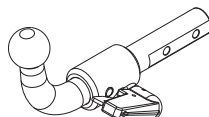
BMW X5 [F15] (2013- )

BMW X6 [F71] (2008-2014)

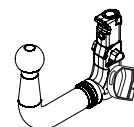
BMW X6 [F16] (2015- )



|     |                |       |                 |
|-----|----------------|-------|-----------------|
| E13 | APPROVALNUMBER |       | D-VALUE         |
|     | 55R-01 3800    |       | D 16,02 kN      |
|     | TYPE           | CLASS | MAX. VERT. LOAD |
|     | BMW025         | A50-X | S 150 kg        |



|     |                |       |                 |
|-----|----------------|-------|-----------------|
| E13 | APPROVALNUMBER |       | D-VALUE         |
|     | 55R-01 3801    |       | D 16,02 kN      |
|     | TYPE           | CLASS | MAX. VERT. LOAD |
|     | BMW026-S       | A50-X | S 150 kg        |



|     |                |       |                 |
|-----|----------------|-------|-----------------|
| E13 | APPROVALNUMBER |       | D-VALUE         |
|     | 55R-01 3801    |       | D 16,02 kN      |
|     | TYPE           | CLASS | MAX. VERT. LOAD |
|     | BMW026-V       | A50-X | S 150 kg        |

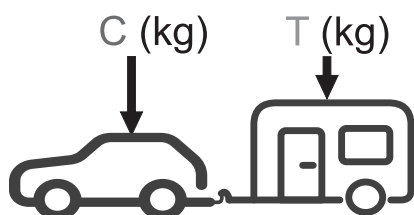
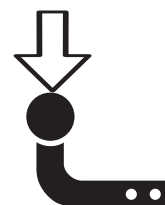
D= 16,02 kN



T= 3500 Kg



S= 150 kg

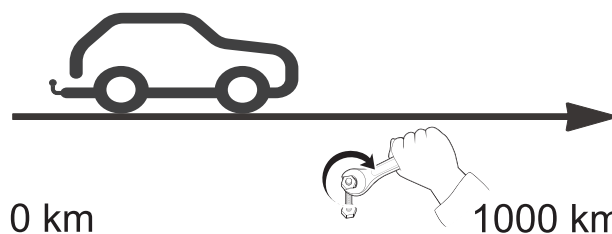


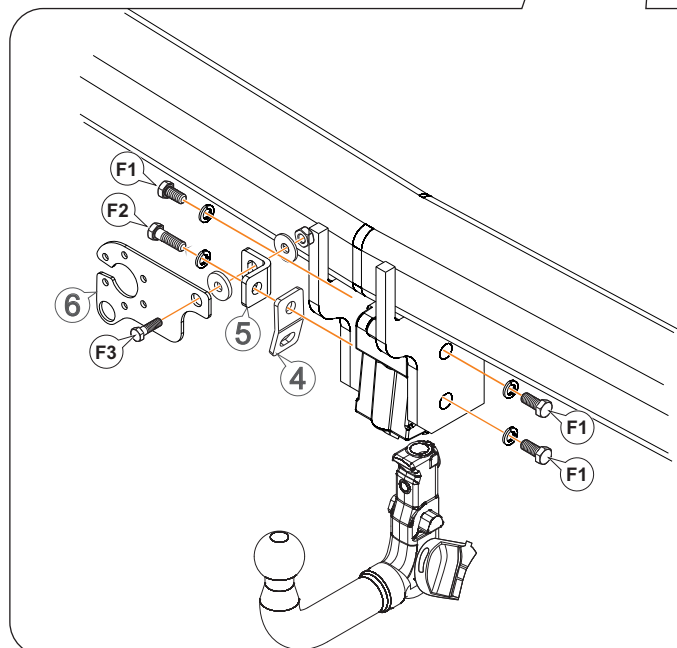
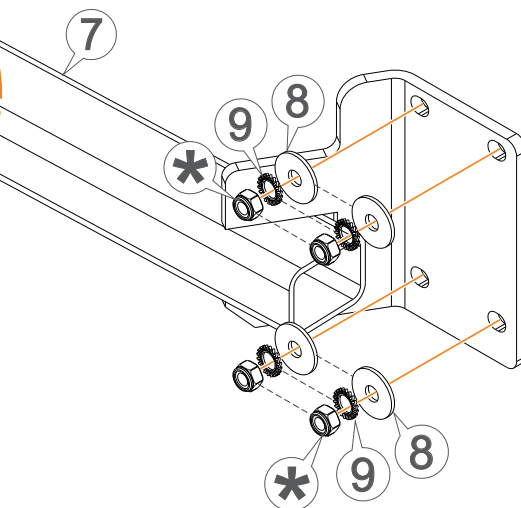
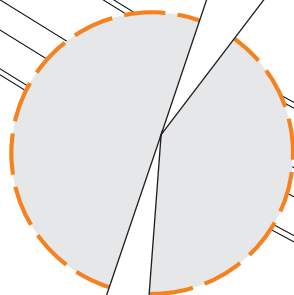
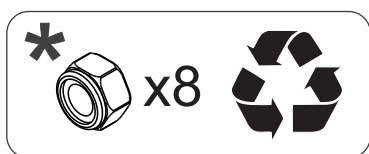
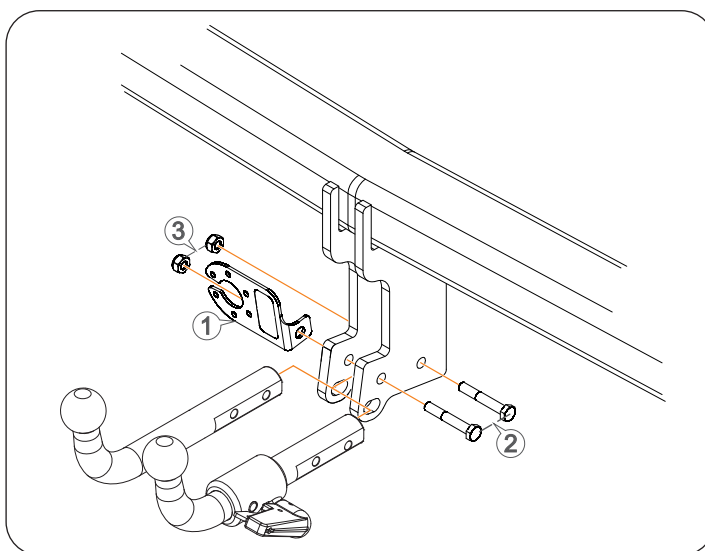
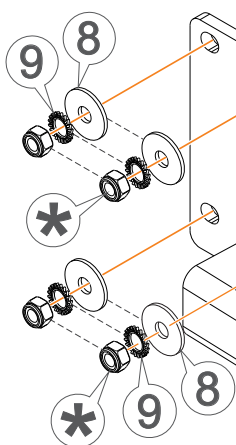
$g = 9,81 \text{ m/s}^2$

$$D \geq \frac{T \cdot C}{T+C} \cdot \frac{g}{1000} \text{ (kN)}$$

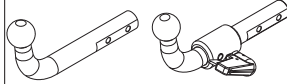
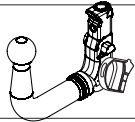
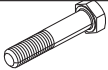
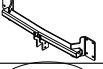
$$T \leq \frac{C \cdot D \cdot 1000}{(C \cdot g) - (1000 \cdot D)} \text{ (kg)}$$

|     |  |    |     |     |     |     |
|-----|--|----|-----|-----|-----|-----|
|     |  | M8 | M10 | M12 | M14 | M16 |
| N/m |  | 20 | 40  | 60  | 105 | 160 |





|           |                         | # |
|-----------|-------------------------|---|
| <b>F1</b> | M12 x 25 DIN 933        | 3 |
|           | Ø12 Grower DIN 128      | 3 |
| <b>F2</b> | M12 x 35 DIN 933        | 1 |
|           | Ø12 Grower DIN 128      | 1 |
| <b>F3</b> | M10 x 30 DIN 933        | 1 |
|           | Ø10 Poliuretano / Nylon | 1 |
|           | Ø10 DIN 9021            | 1 |
|           | M10 DIN 980             | 1 |

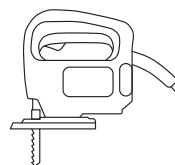
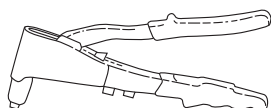
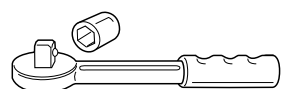
|    |                                                                                   |                      |  |  |
|----|-----------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1  |  | AEV0005              | 1                                                                                  |                                                                                     |
| 2  |  | M10x65 DIN 931 (8.8) | 2                                                                                  |                                                                                     |
| 3  |  | M10 DIN 980          | 2                                                                                  |                                                                                     |
| 4  |  | AEV0006              |                                                                                    | 1                                                                                   |
| 5  |  | AEV0008              |                                                                                    | 1                                                                                   |
| 6  |  | AEV0009              |                                                                                    | 1                                                                                   |
| 7  |  | C0806B               | 1                                                                                  | 1                                                                                   |
| 8  |  | Ø12 DIN 9021         | 8                                                                                  | 8                                                                                   |
| 9  |  | Ø12 DIN 6798         | 8                                                                                  | 8                                                                                   |
| 10 |  | Remache flor         | 4                                                                                  | 4                                                                                   |

1

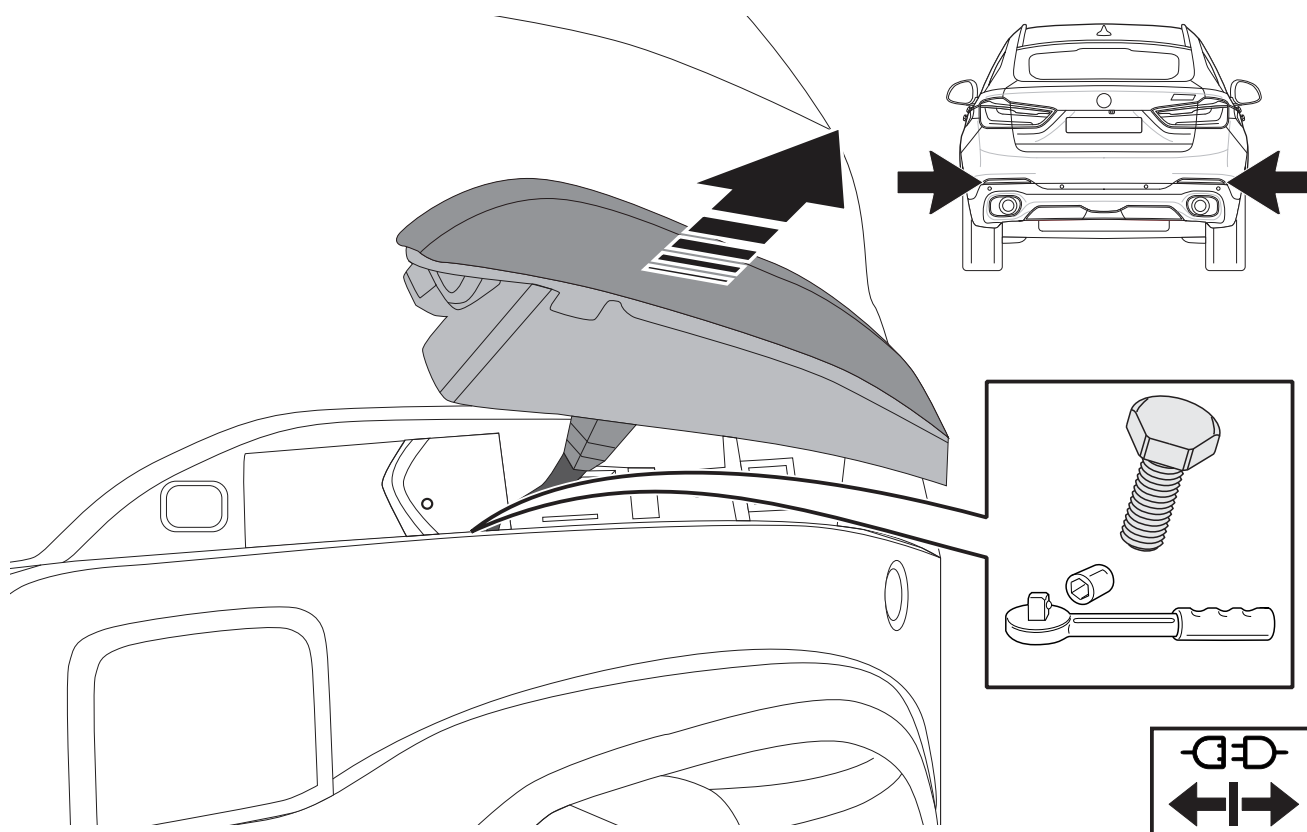


5 min.

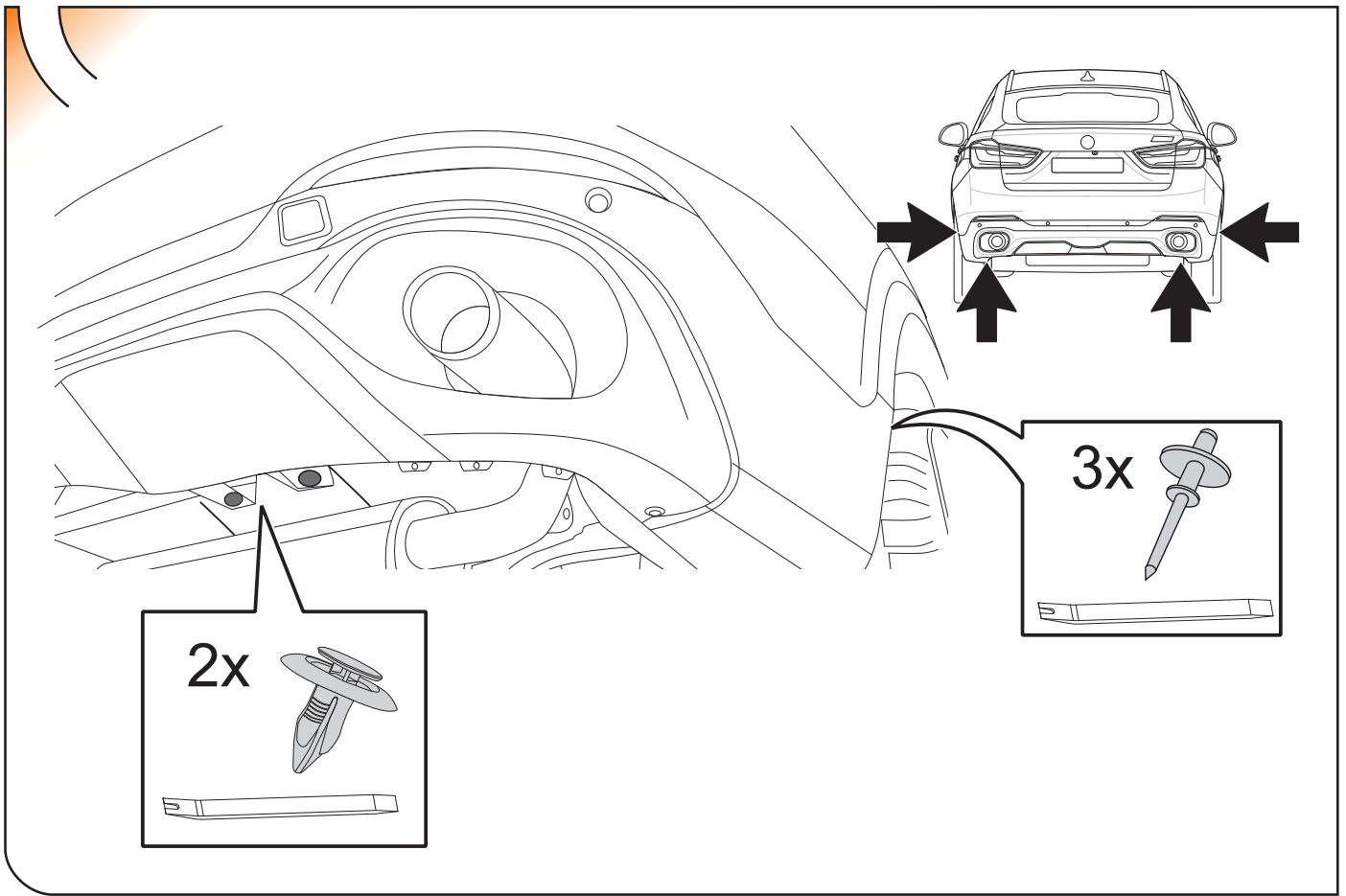
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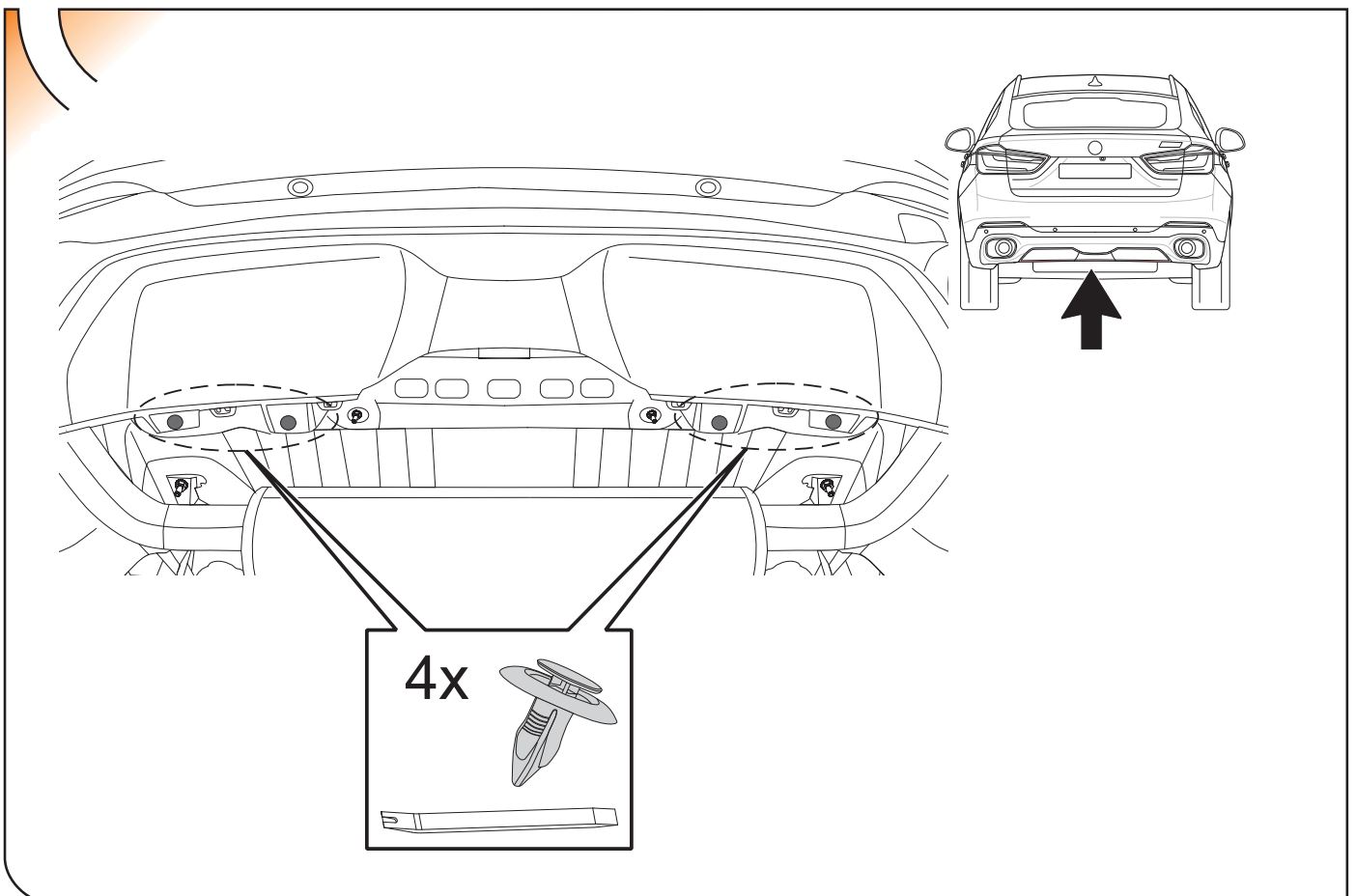
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3

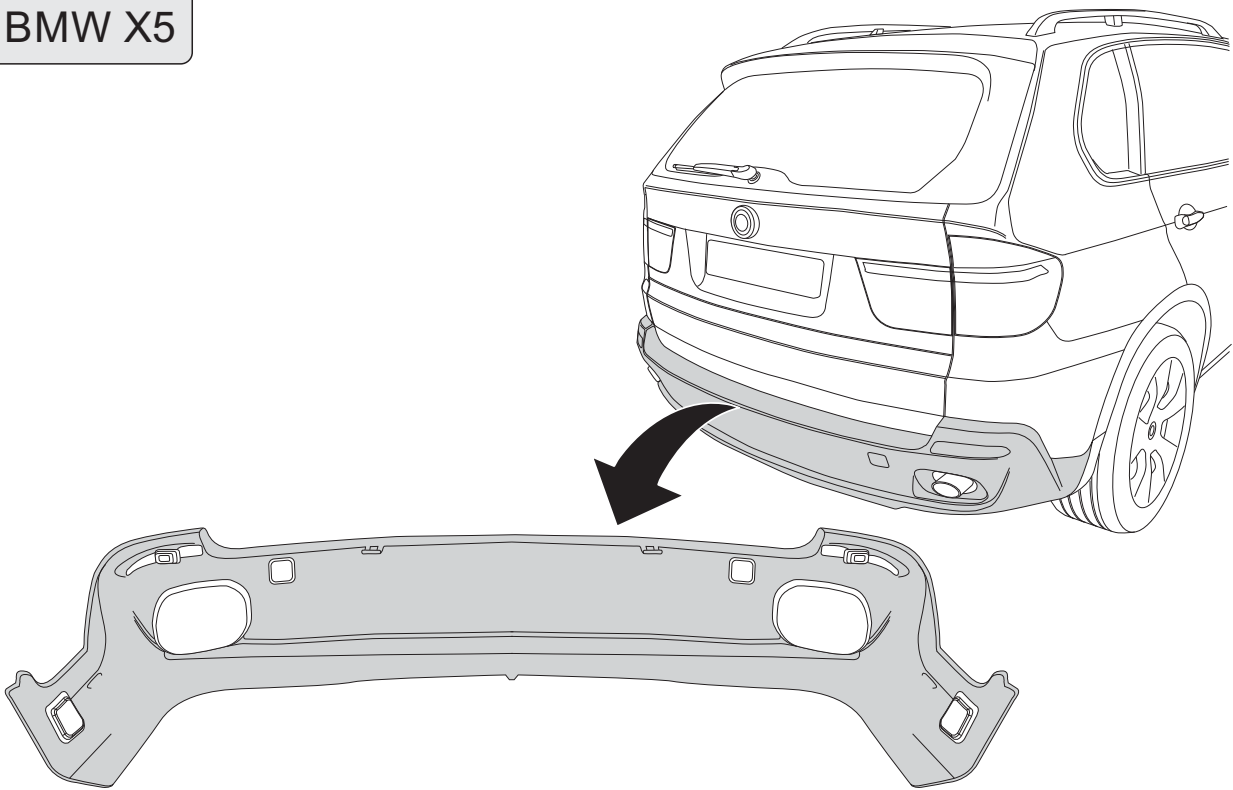


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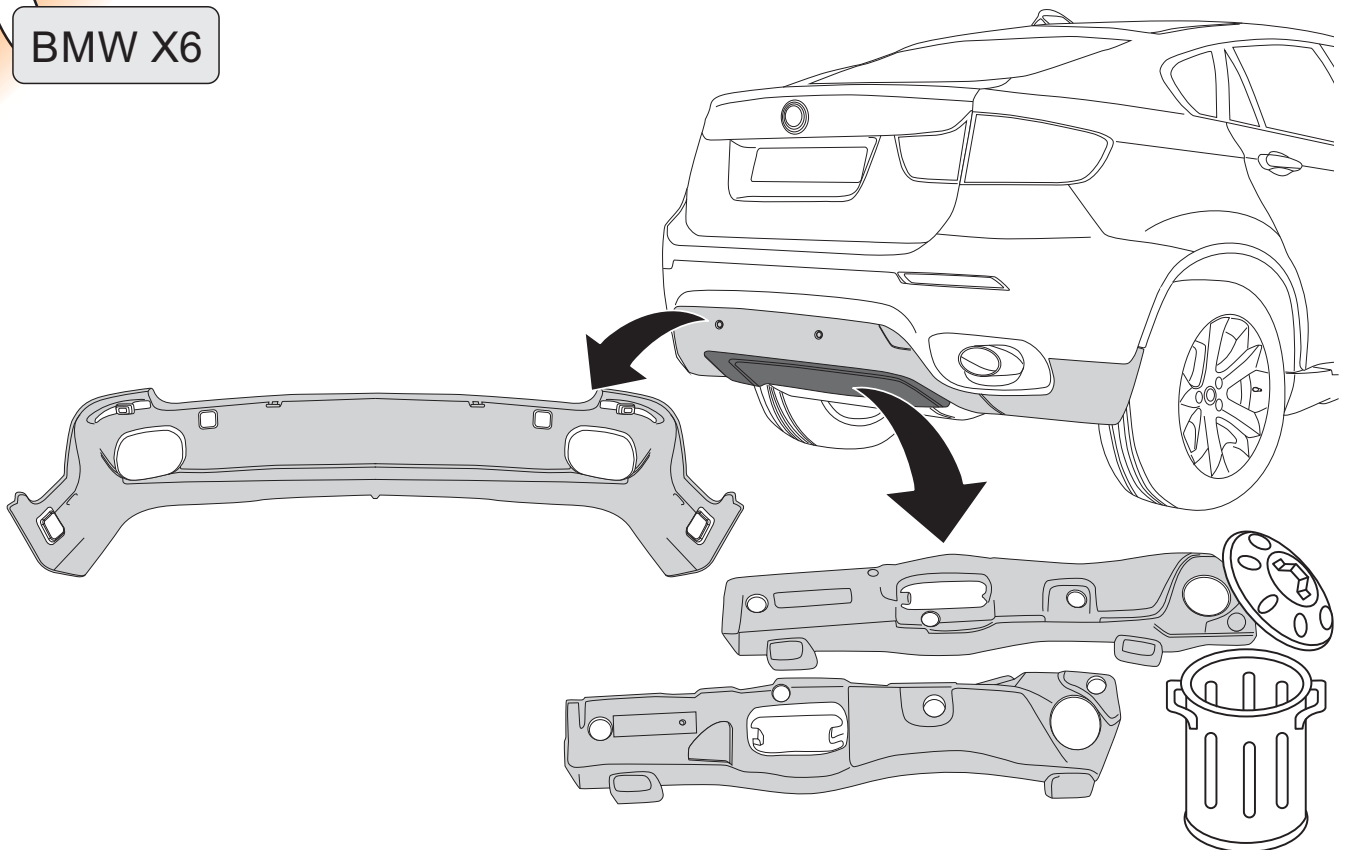
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BMW X5



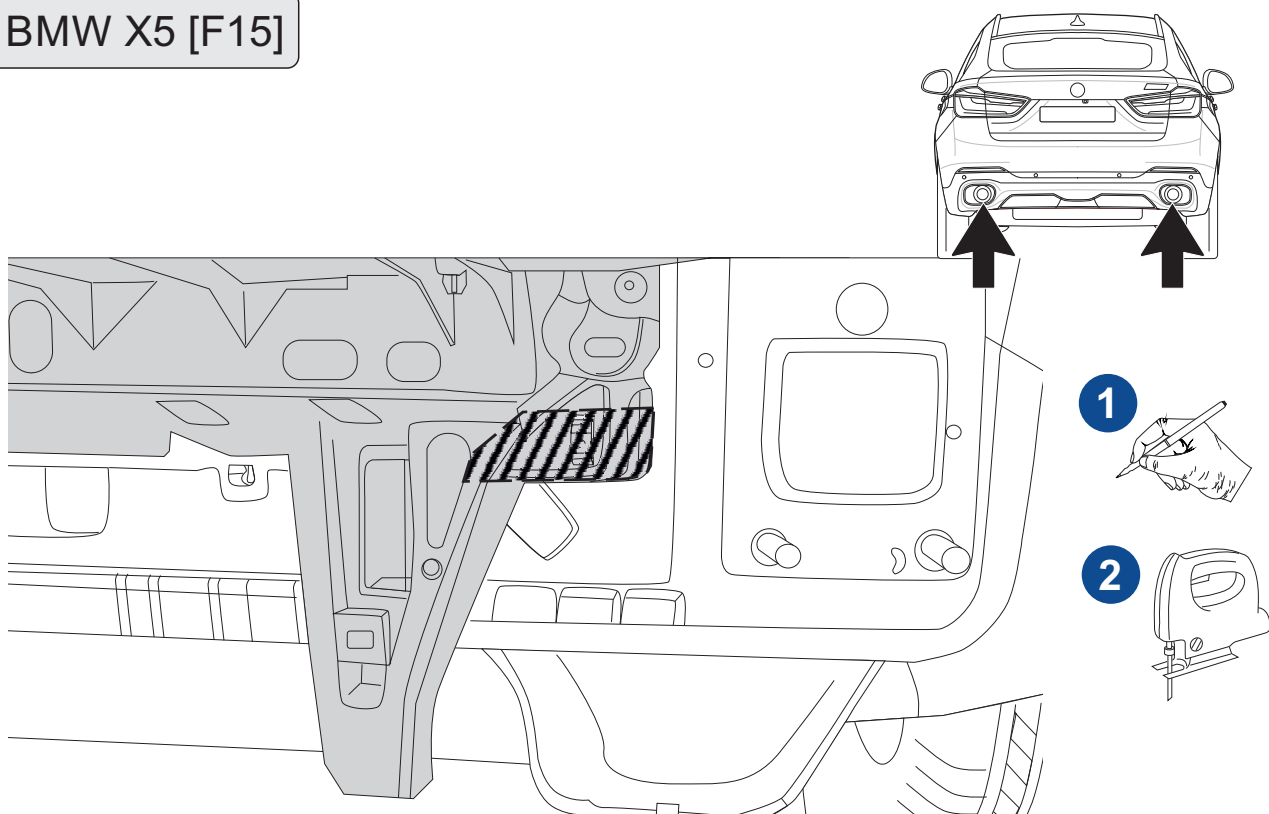
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BMW X6



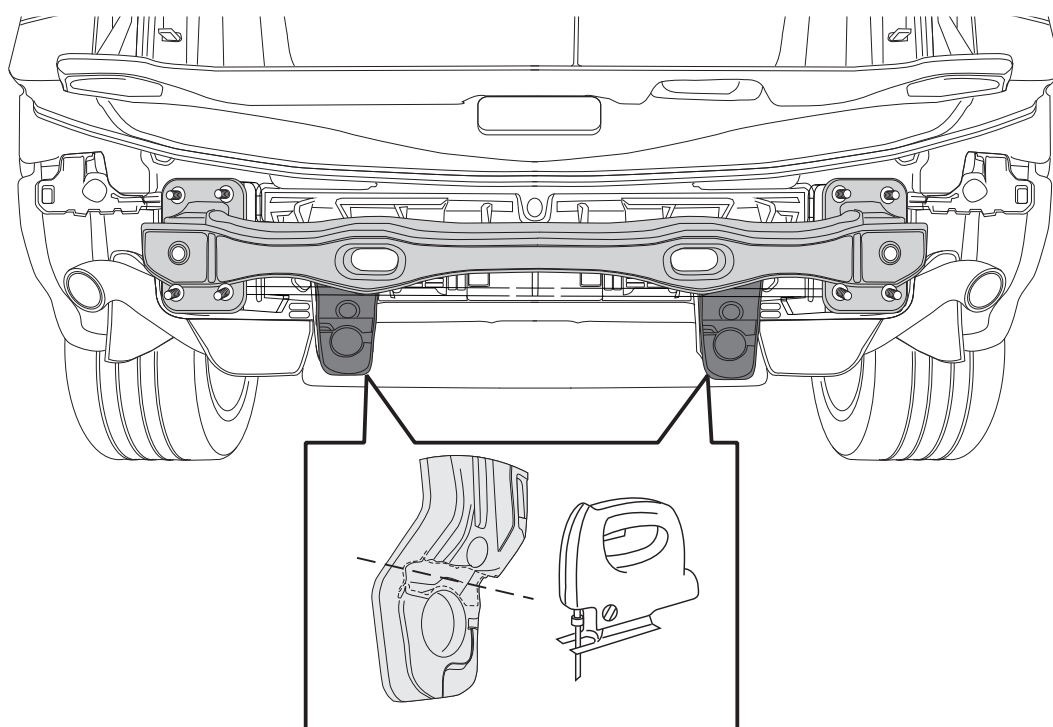
7

## BMW X5 [F15]



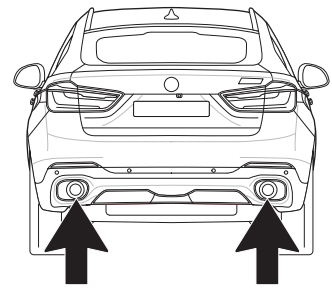
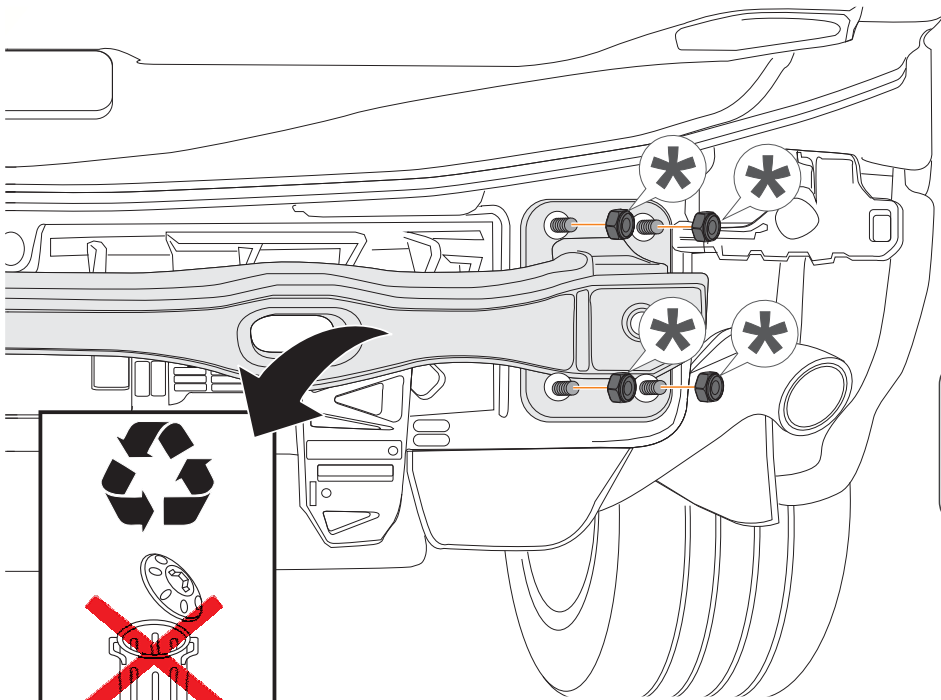
8

## BMW X6 [F71]



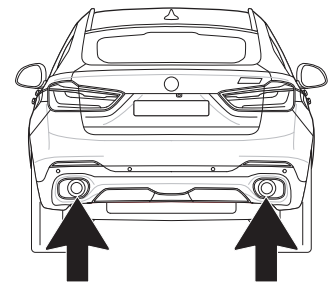
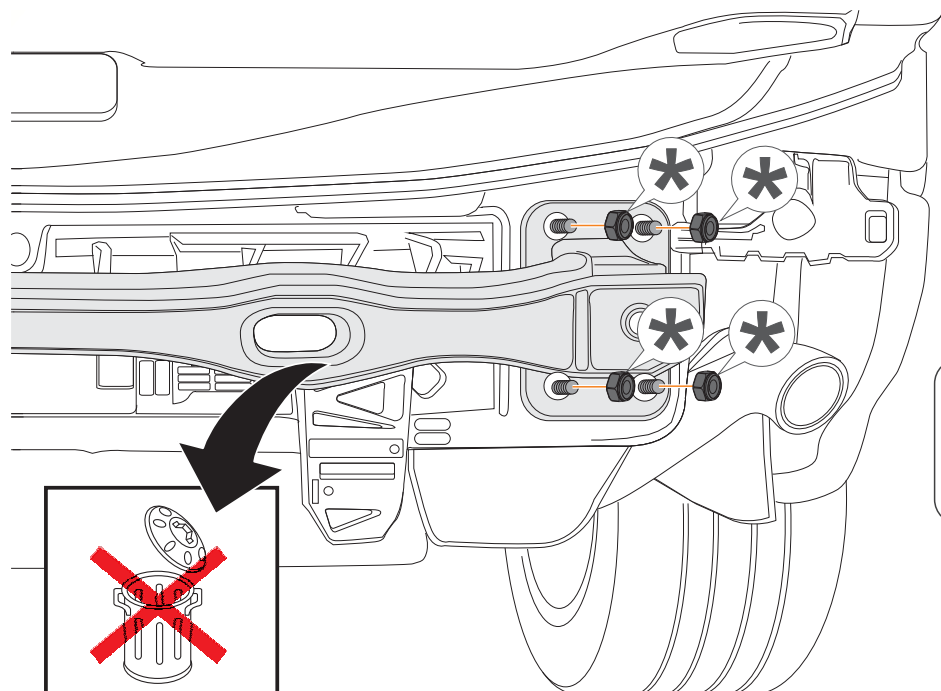
9

BMW X5 [E70] / BMW X6

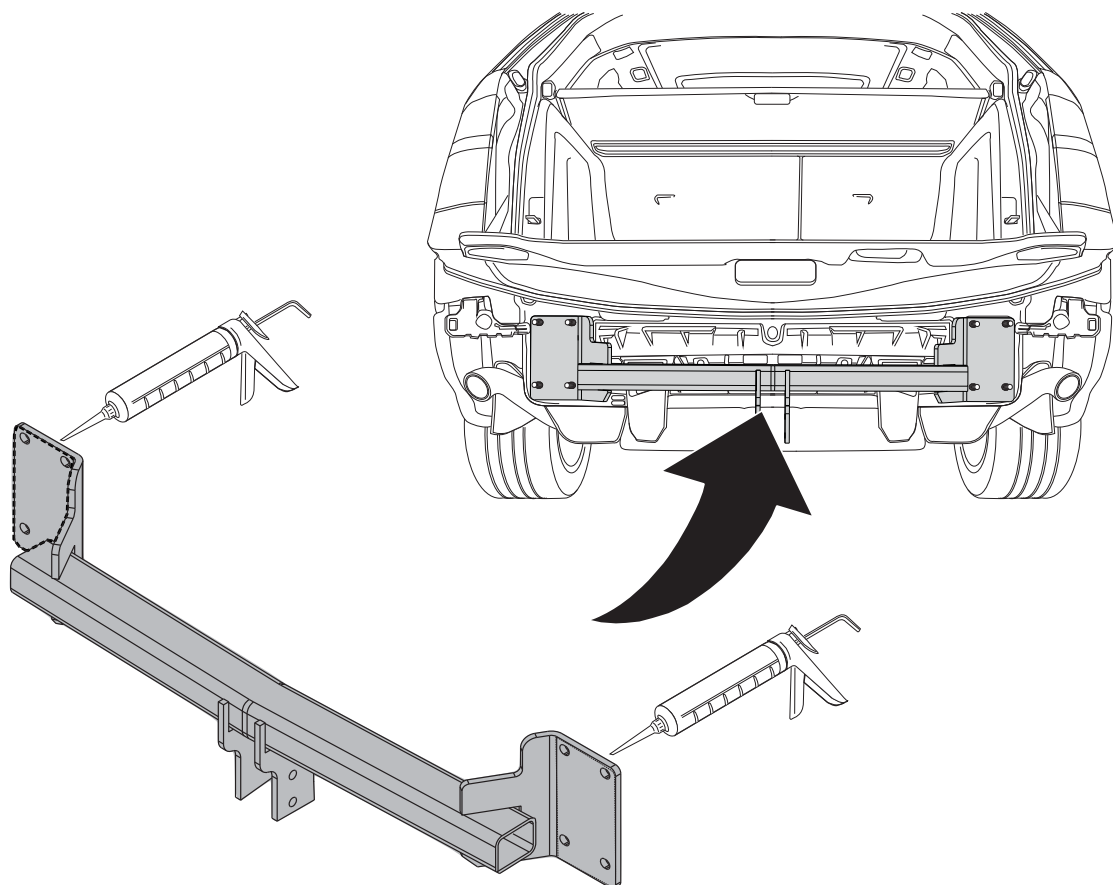


10

BMW X5 [F15]

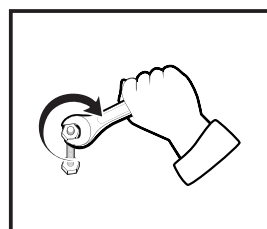
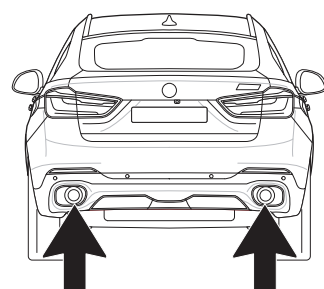
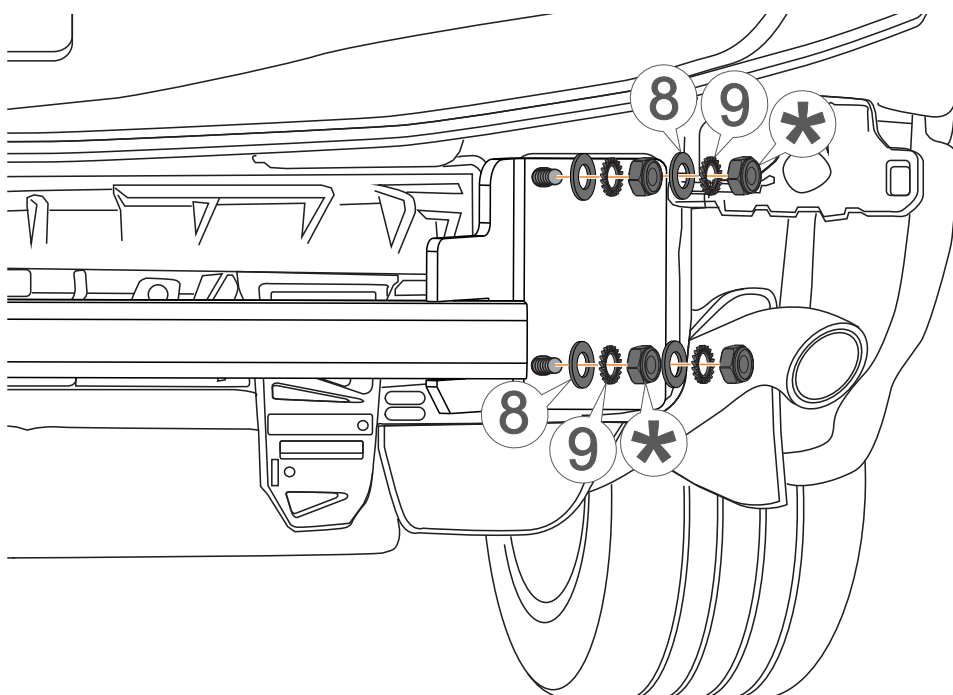


11



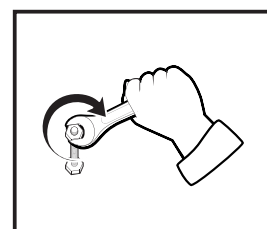
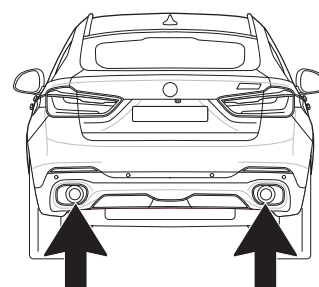
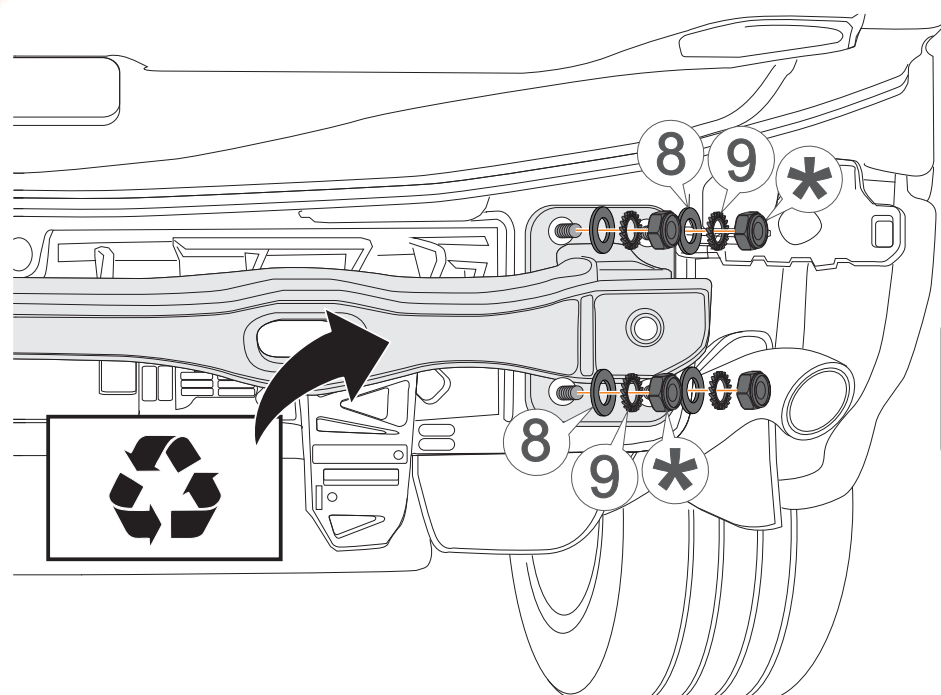
12

BMW X5 [F15]



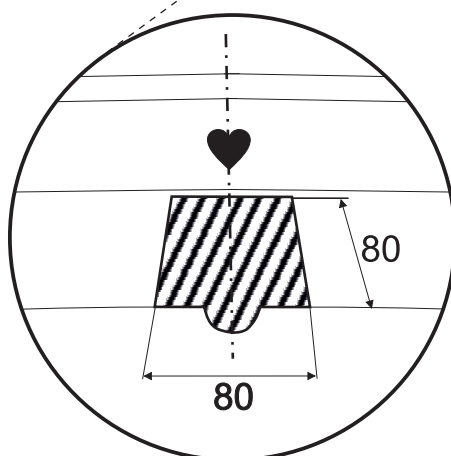
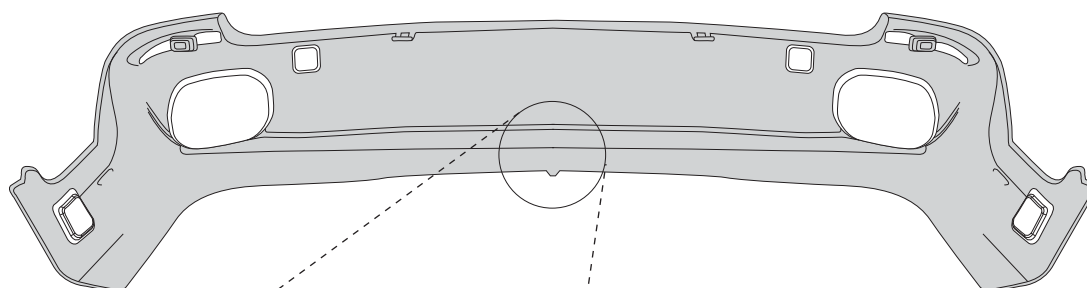
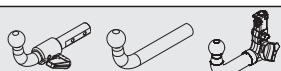
13

BMW X5 [E70] / BMW X6



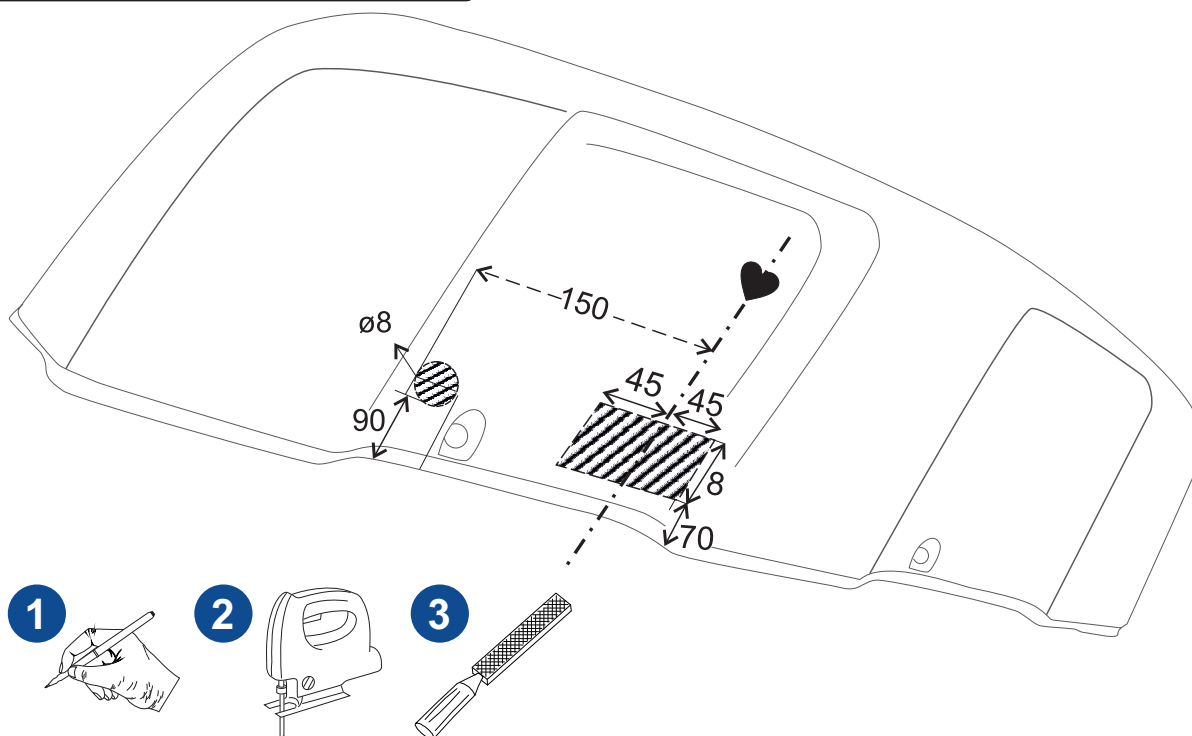
14

BMW X5 [E70]



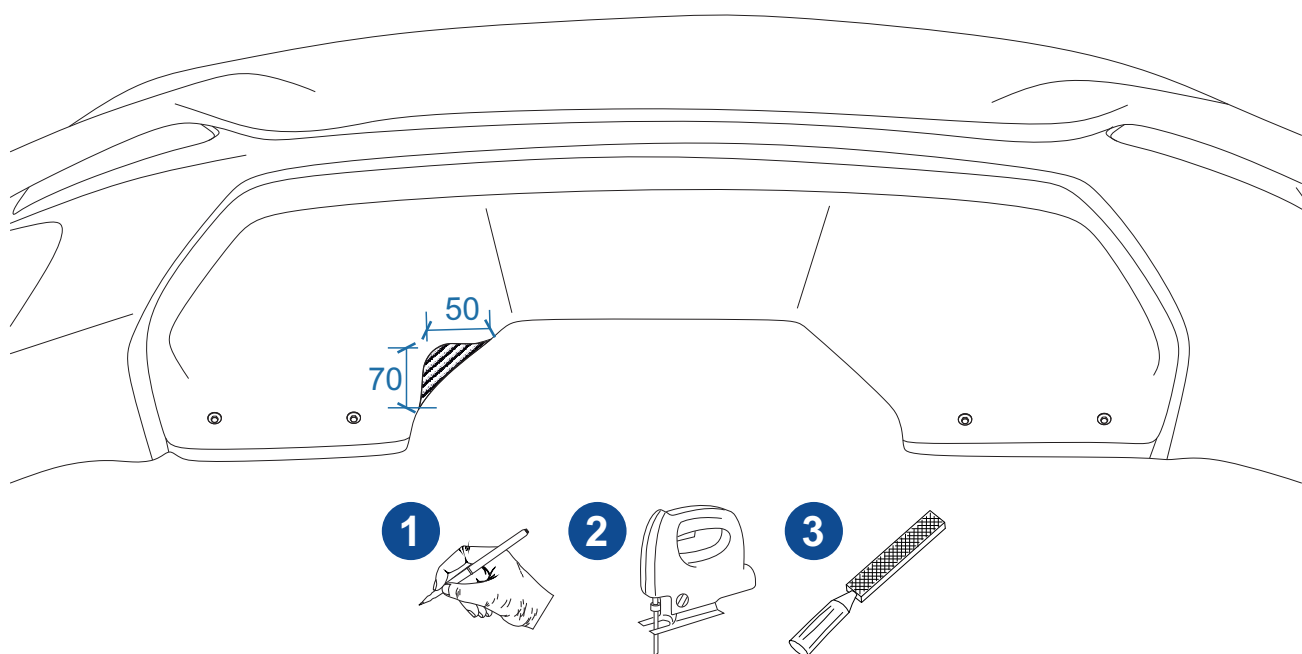
15

BMW X6 [F71]



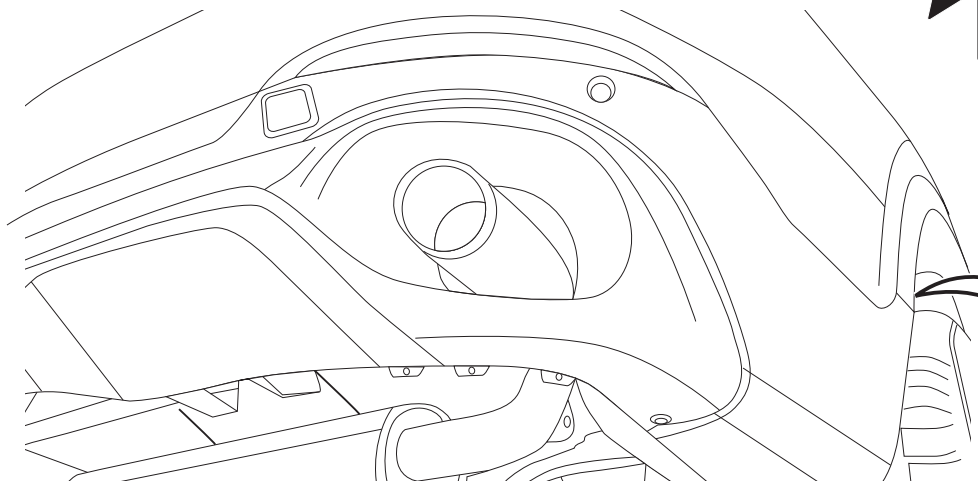
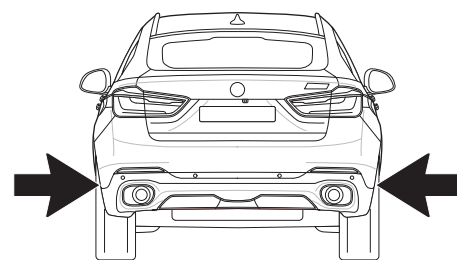
16

BMW X6 [F16]



17

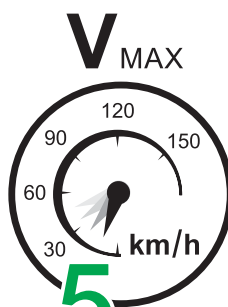
BMW X6 [F71]



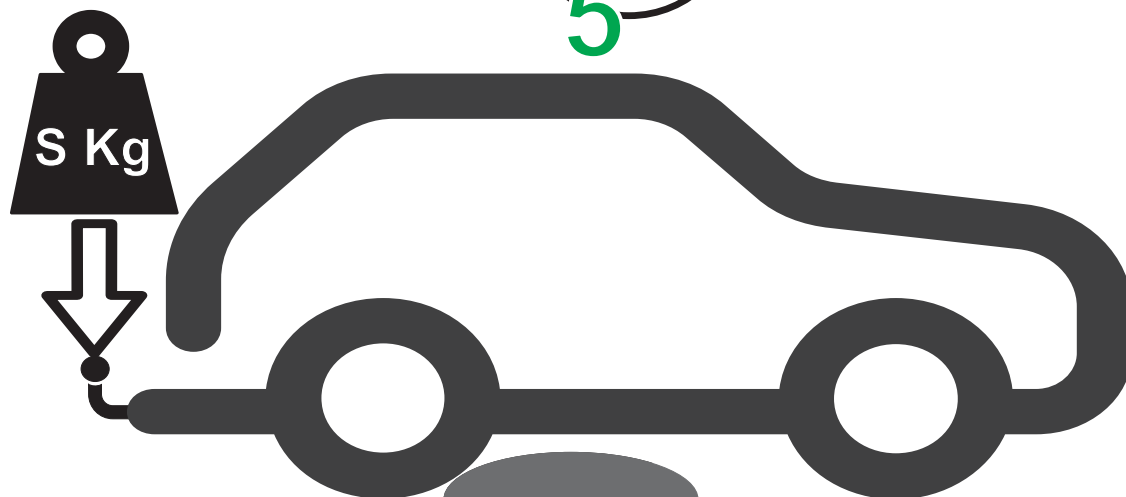
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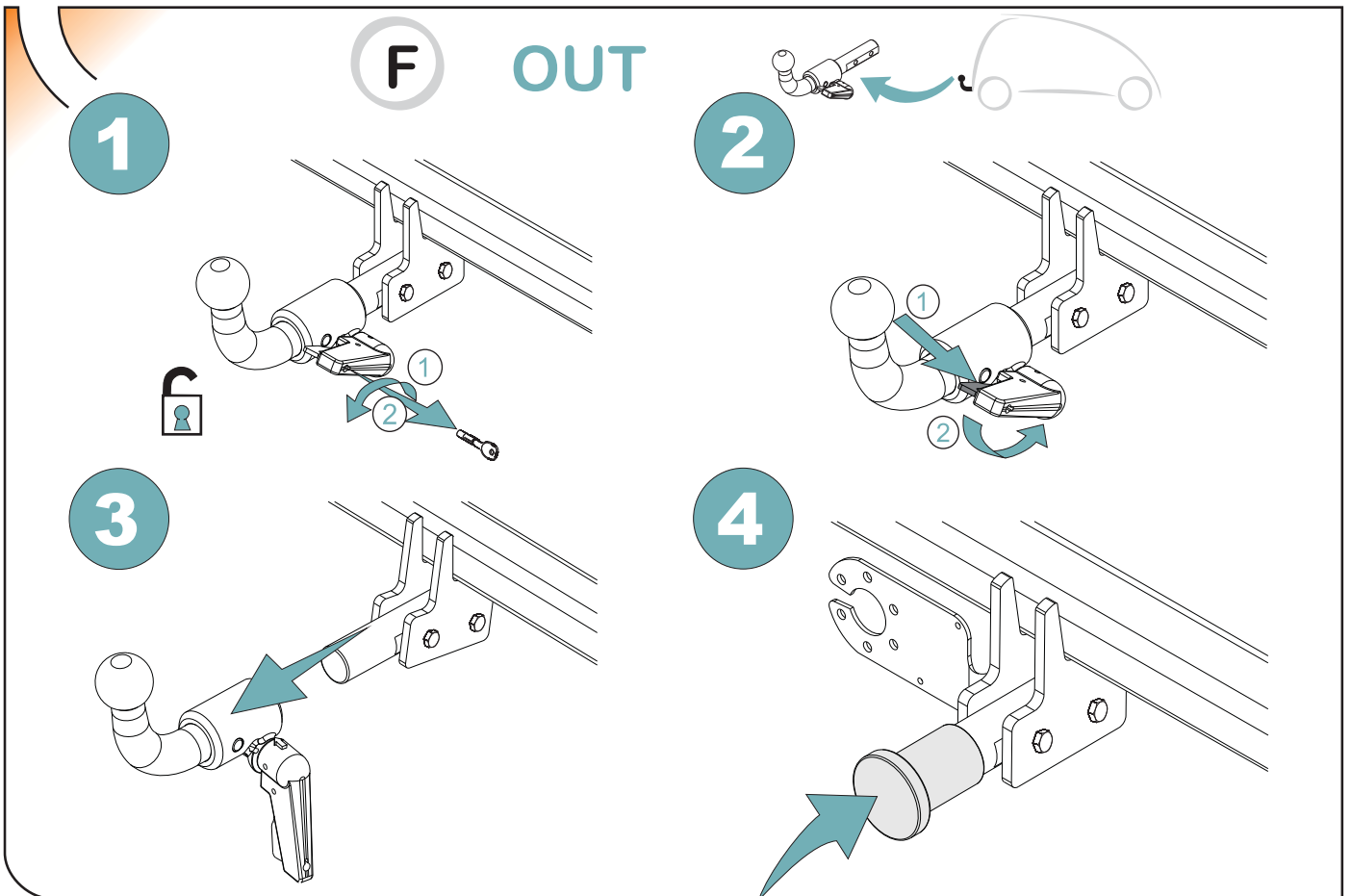
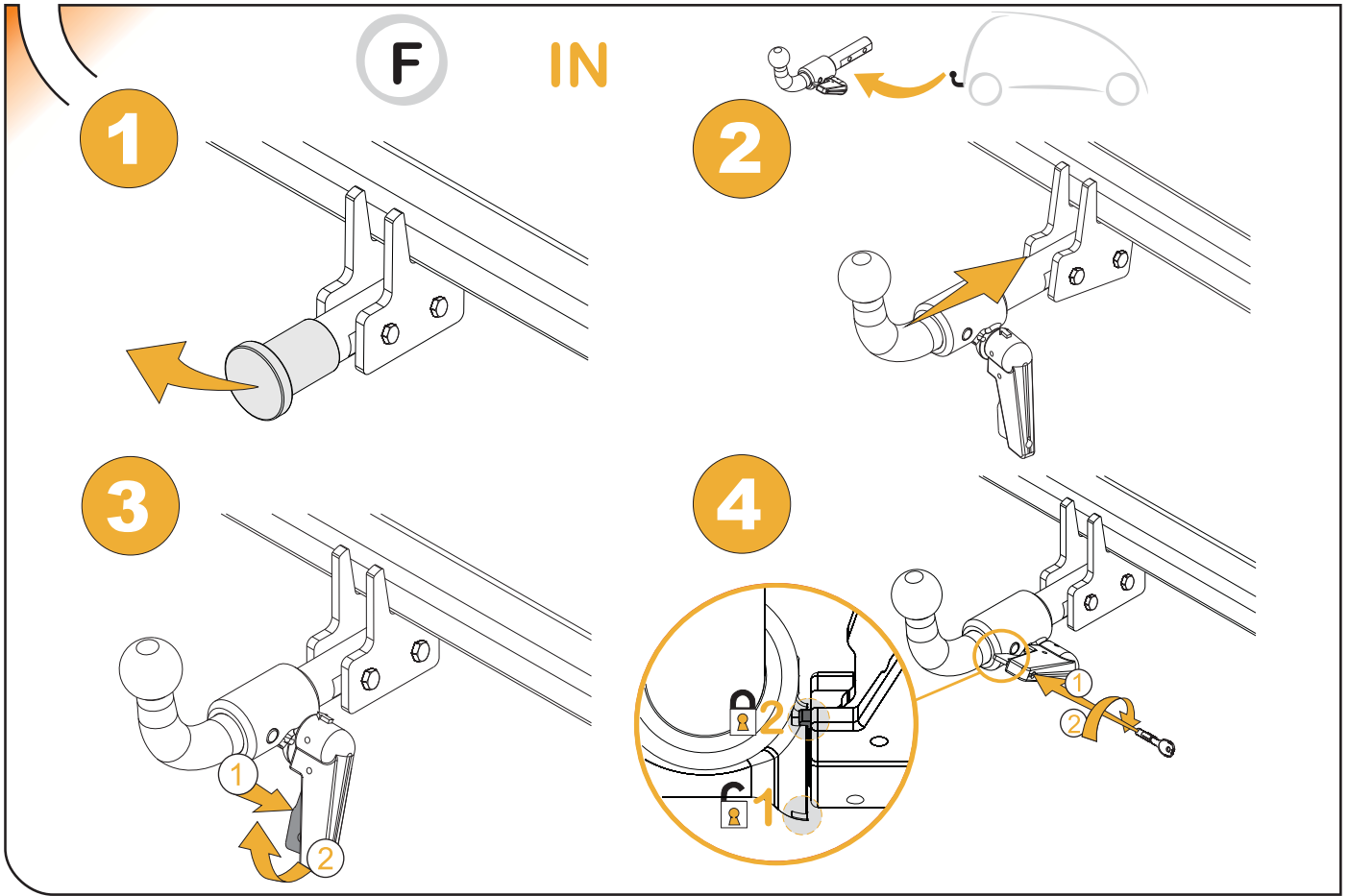


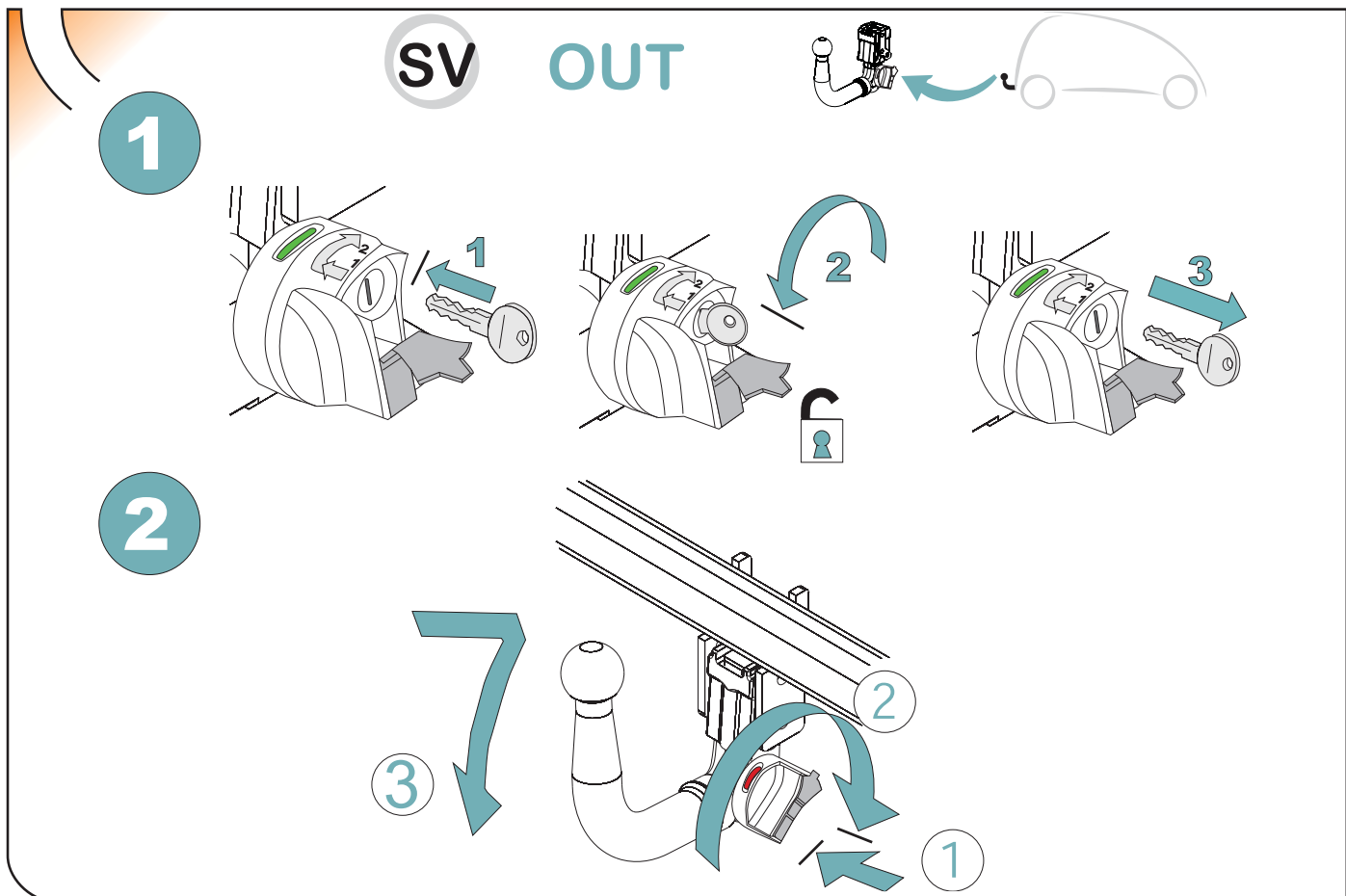
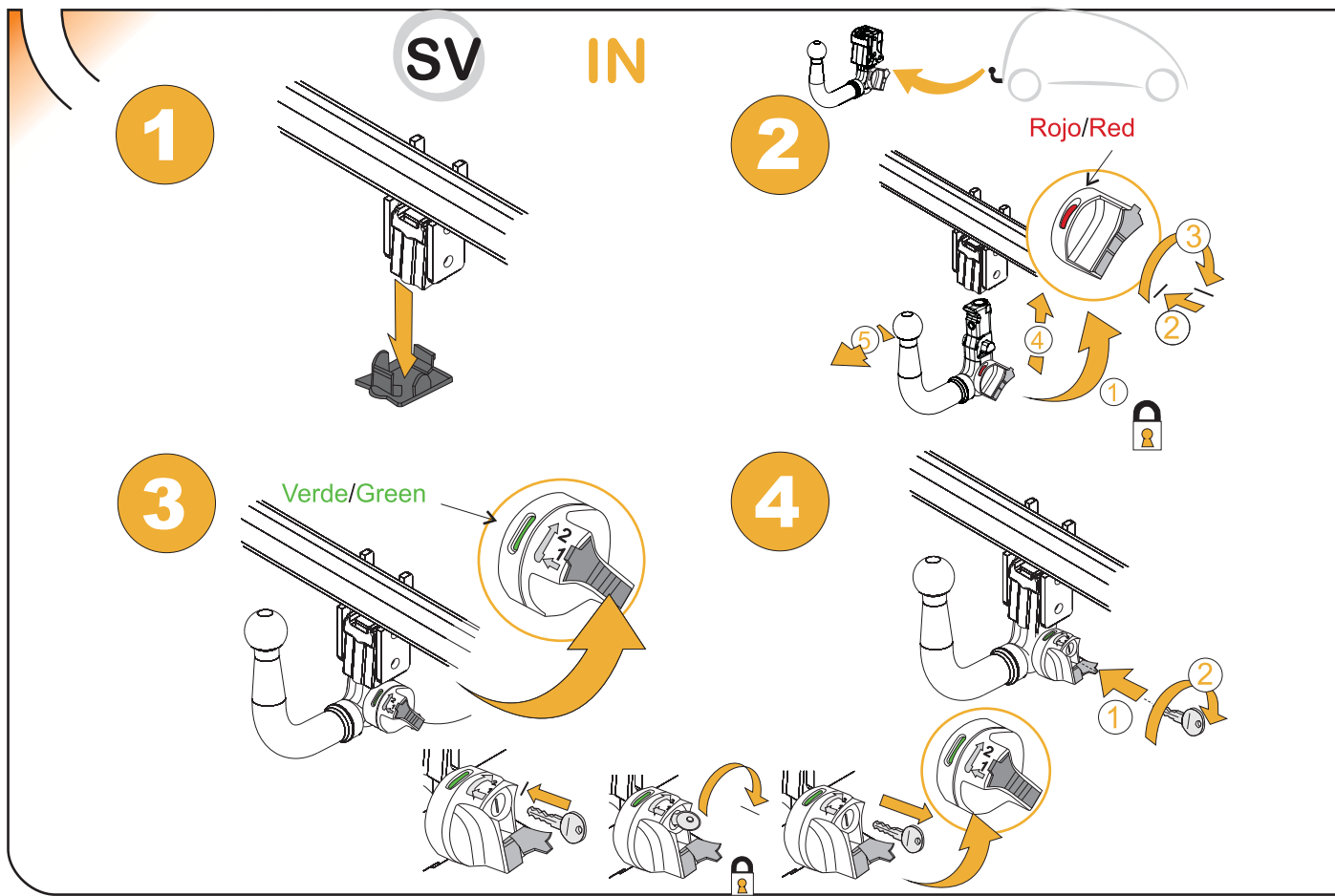
18



5







## ANEXO III

### CERTIFICADO DE TALLER

D. \_\_\_\_\_, expresamente autorizado por la \_\_\_\_\_  
domiciliada en \_\_\_\_\_, teléfono \_\_\_\_\_, dedicada  
a la actividad de \_\_\_\_\_ n° de Registro Industrial \_\_\_\_\_ y n° de registro  
especial \_\_\_\_\_.

#### CERTIFICA

Que la mencionada empresa ha realizado la/s Reforma/s y asume la responsabilidad de la ejecución,  
sobre el vehículo marca....., tipo.....  
variante..... denominación comercial .....  
matrícula ..... y n° de bastidor ....., de acuerdo con:

- La normativa vigente en materia de reformas de vehículos.
- Las normas del fabricante del vehículo aplicables a la/s reforma/s llevadas a cabo en dicho vehículo.
- El proyecto descriptivo de la/s reforma/s, adjunto al expediente.

#### OBSERVACIONES: (2)

Tipificada/s con el código de reforma/s.....  
Reforma consiste en:

COLOCACION DE ENGANCHE \_\_\_\_\_

n° de identificación / marca de homologación

Type :

Fecha:

Firma y sello:

Fdo:

(1) En el caso de que la reforma sea efectuada por el fabricante se indicará N/A.

(2) Se debe especificar en este apartado OBSERVACIONES, la identificación de los equipos o sistemas modificados, garantizando que se cumple lo previsto en el artículo 6 del reglamento general de vehículos y, en su caso, en el artículo 5 del R. D. 1457/1986 de 10 de enero, por el que se regula la actividad industrial en talleres de vehículos automóviles, de equipos y sus componentes, modificado por 455/2010 de 16 de abril, por el que se modifica el R. D. 1457/1986 de 10 de enero por el que se regulan la actividad industrial y la prestación.

**ES**

1

ANEXO III  
CERTIFICADO DE TALLER

\_\_\_\_\_

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\_\_\_\_\_

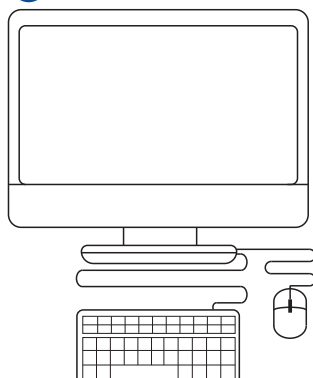
\_\_\_\_\_

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2



3



**IT**

1

DICHIARAZIONE DI CORRETTO MONTAGGIO

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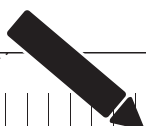
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