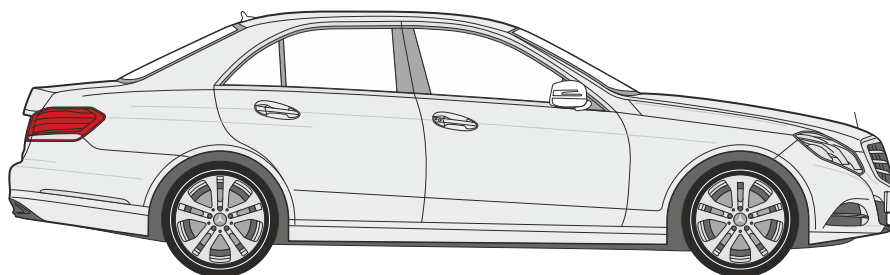


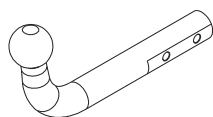
## **Mercedes-Benz Clase E [W212] (2009-2016)**



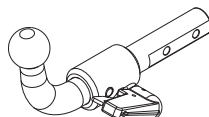


# 94/20/EC

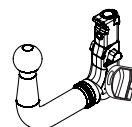
Mercedes-Benz Clase E [W212] (2009-2016)



|     |                |       |               |
|-----|----------------|-------|---------------|
| e13 | APPROVALNUMBER |       | D-VALUE       |
|     | 00-3072        |       | D 11,18 kN    |
|     | TYPE           | CLASS | MAX.VERT.LOAD |
|     | MER033         | A50-X | S 100 kg      |



|     |                |       |               |
|-----|----------------|-------|---------------|
| e13 | APPROVALNUMBER |       | D-VALUE       |
|     | 00-3071        |       | D 11,18 kN    |
|     | TYPE           | CLASS | MAX.VERT.LOAD |
|     | MER034-S       | A50-X | S 100 kg      |



|     |                |       |               |
|-----|----------------|-------|---------------|
| e13 | APPROVALNUMBER |       | D-VALUE       |
|     | 00-3071        |       | D 11,18 kN    |
|     | TYPE           | CLASS | MAX.VERT.LOAD |
|     | MER034-V       | A50-X | S 100 kg      |

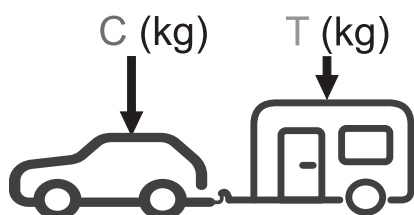
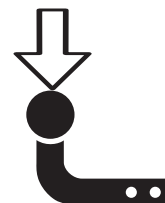
D= 11,18 kN



T= 2150 Kg



S = 100 kg

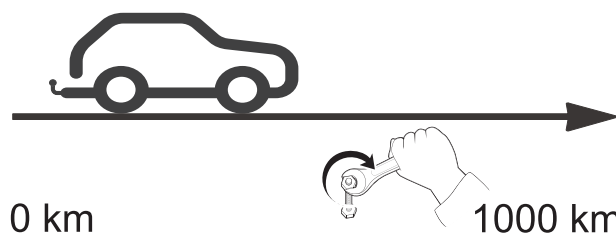


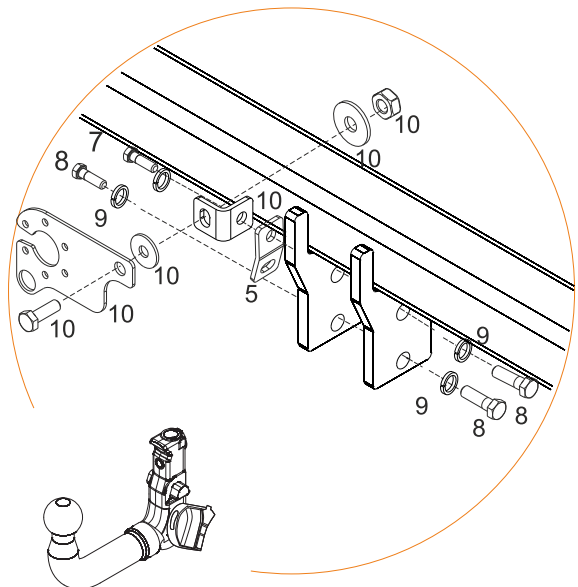
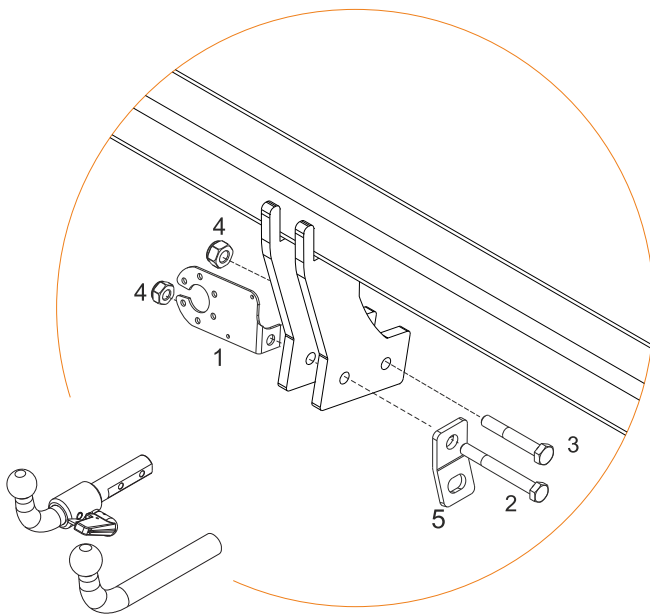
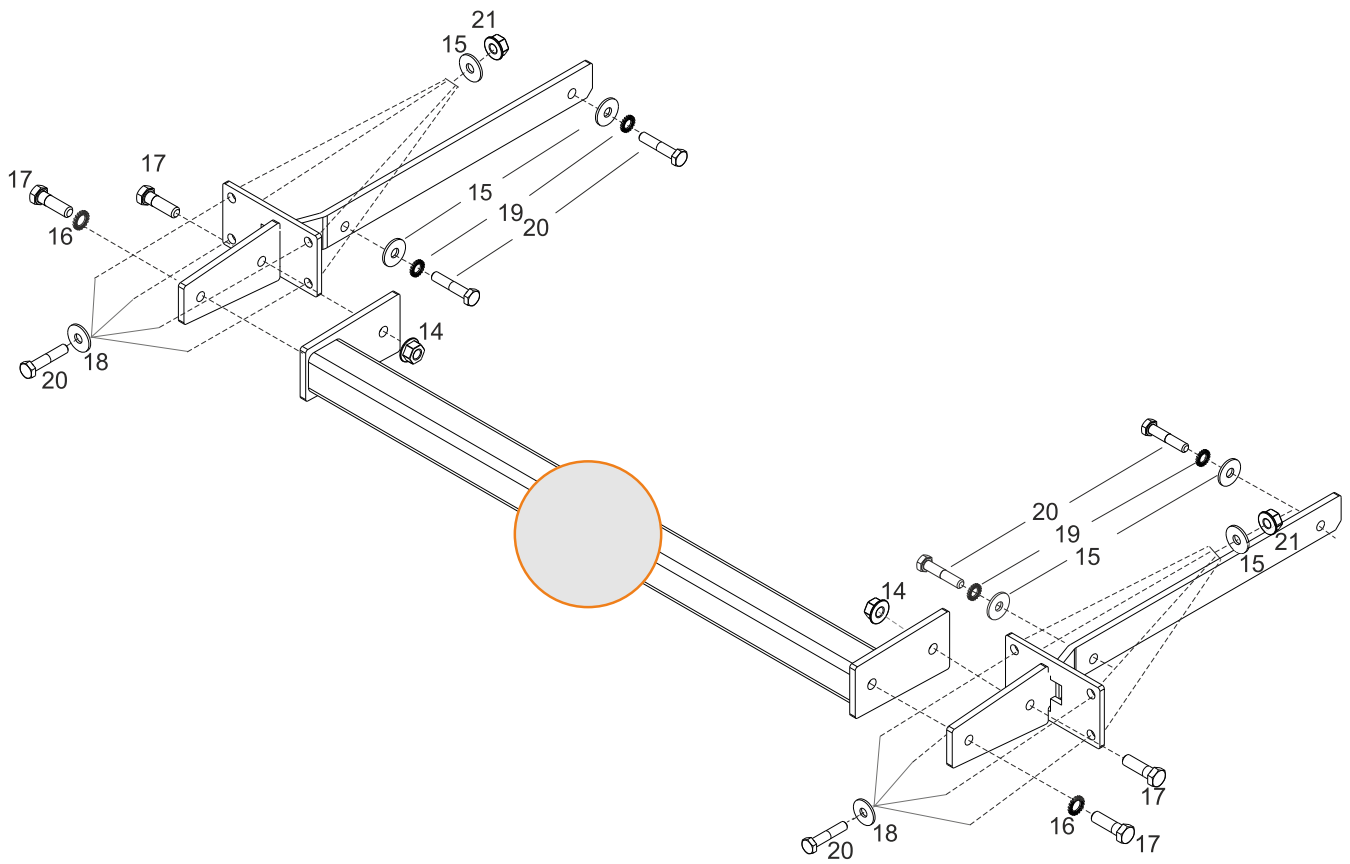
$g = 9,81 \text{ m/s}^2$

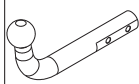
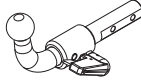
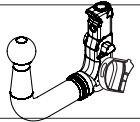
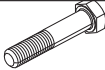
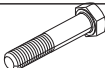
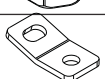
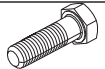
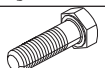
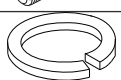
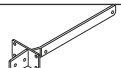
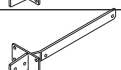
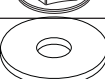
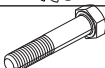
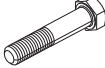
$$D \geq \frac{T \cdot C}{T+C} \cdot \frac{g}{1000} \text{ (kN)}$$

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

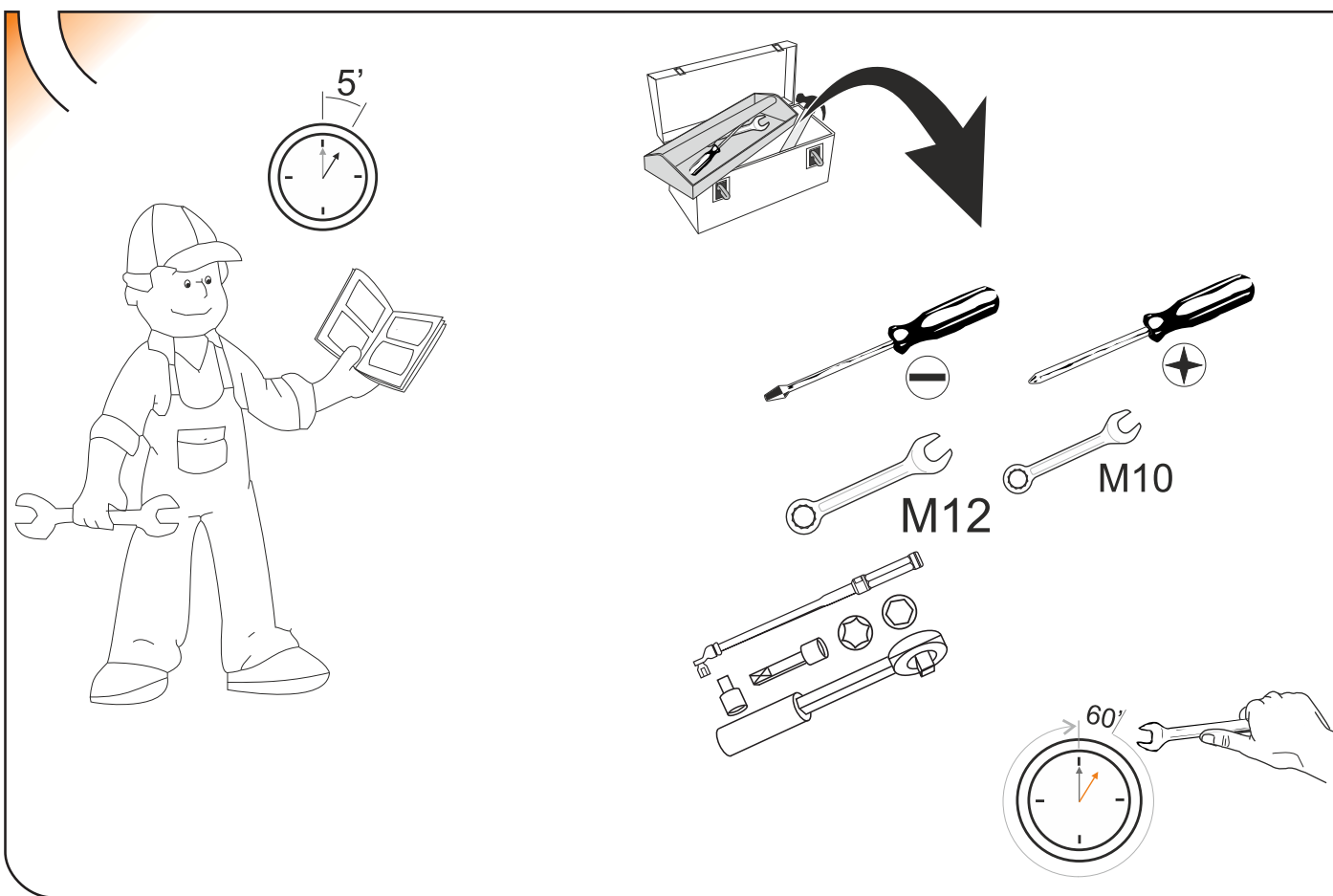
|     |    |     |     |     |     |
|-----|----|-----|-----|-----|-----|
|     |    |     |     |     |     |
|     | M8 | M10 | M12 | M14 | M16 |
| N/m | 20 | 40  | 60  | 105 | 160 |



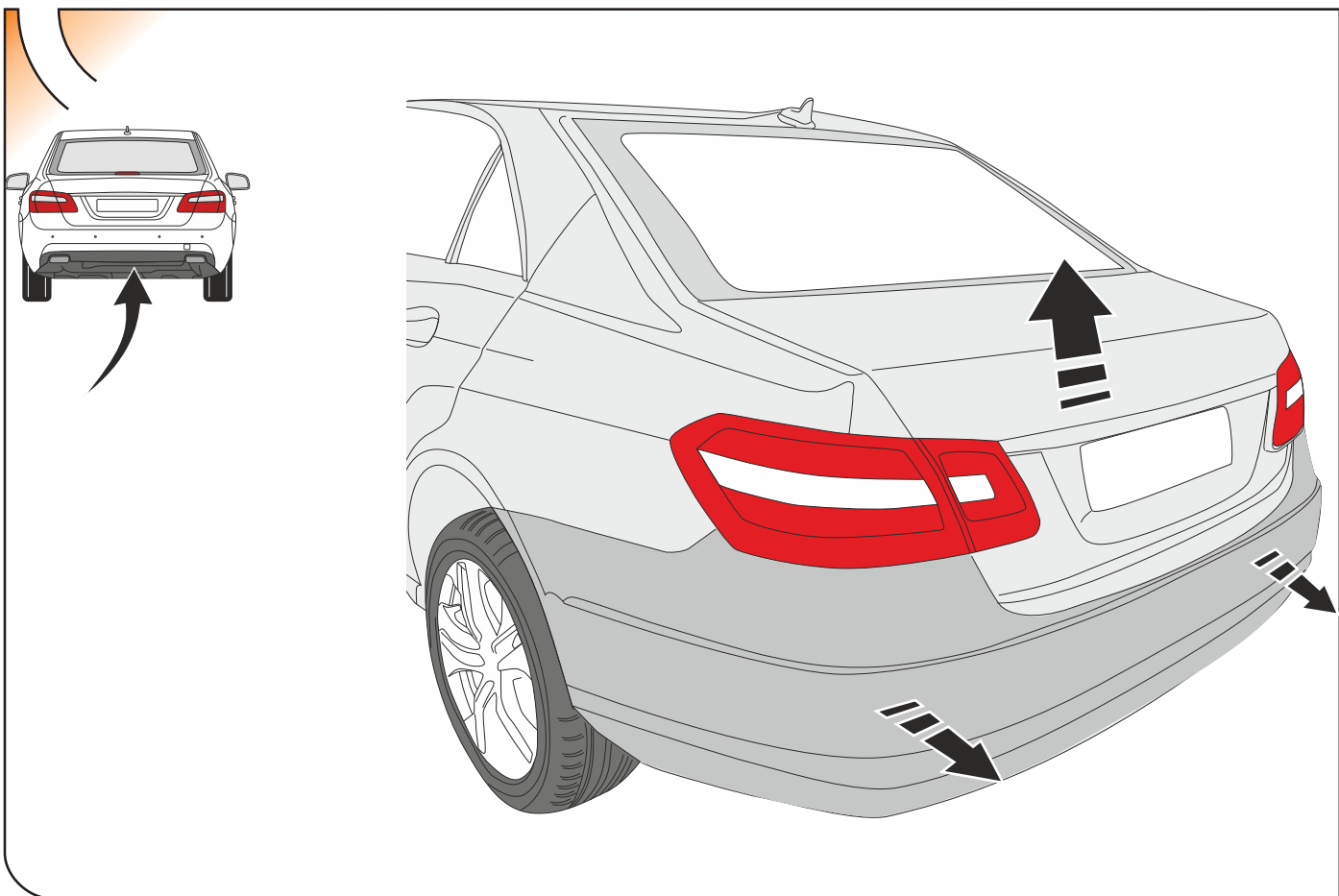


|    |                                                                                     |                |   |  |
|----|-------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1  |    |                | 1                                                                                                                                                                      |                                                                                     |
| 2  |    | M10x70 DIN 931 | 1                                                                                                                                                                      |                                                                                     |
| 3  |    | M10x65 DIN 931 | 1                                                                                                                                                                      |                                                                                     |
| 4  |    | M10 DIN 980    | 2                                                                                                                                                                      |                                                                                     |
| 5  |    |                | 1                                                                                                                                                                      | 1                                                                                   |
| 6  |    |                | 1                                                                                                                                                                      | 1                                                                                   |
| 7  |    | M12x35 DIN 933 |                                                                                                                                                                        | 1                                                                                   |
| 8  |    | M12x25 DIN 933 |                                                                                                                                                                        | 4                                                                                   |
| 9  |    | Ø12 DIN 128    |                                                                                                                                                                        | 4                                                                                   |
| 10 |    |                |                                                                                                                                                                        | 1                                                                                   |
| 11 |   | C4115C         | 1                                                                                                                                                                      | 1                                                                                   |
| 12 |  | C4115CA62      | 1                                                                                                                                                                      | 1                                                                                   |
| 13 |  | C4115CA61      | 1                                                                                                                                                                      | 1                                                                                   |
| 14 |  | M12 DIN 6923   | 2                                                                                                                                                                      | 2                                                                                   |
| 15 |  | Ø12 DIN 9021   | 12                                                                                                                                                                     | 12                                                                                  |
| 16 |  | Ø12 DIN 6798   | 2                                                                                                                                                                      | 2                                                                                   |
| 17 |  | M12x40 DIN 933 | 4                                                                                                                                                                      | 4                                                                                   |
| 18 |  | Ø10 DIN 9021   | 8                                                                                                                                                                      | 8                                                                                   |
| 19 |  | Ø10 DIN 6798   | 4                                                                                                                                                                      | 4                                                                                   |
| 20 |  | M10x35 DIN 933 | 12                                                                                                                                                                     | 12                                                                                  |
| 21 |  | M10 DIN 6923   | 8                                                                                                                                                                      | 8                                                                                   |

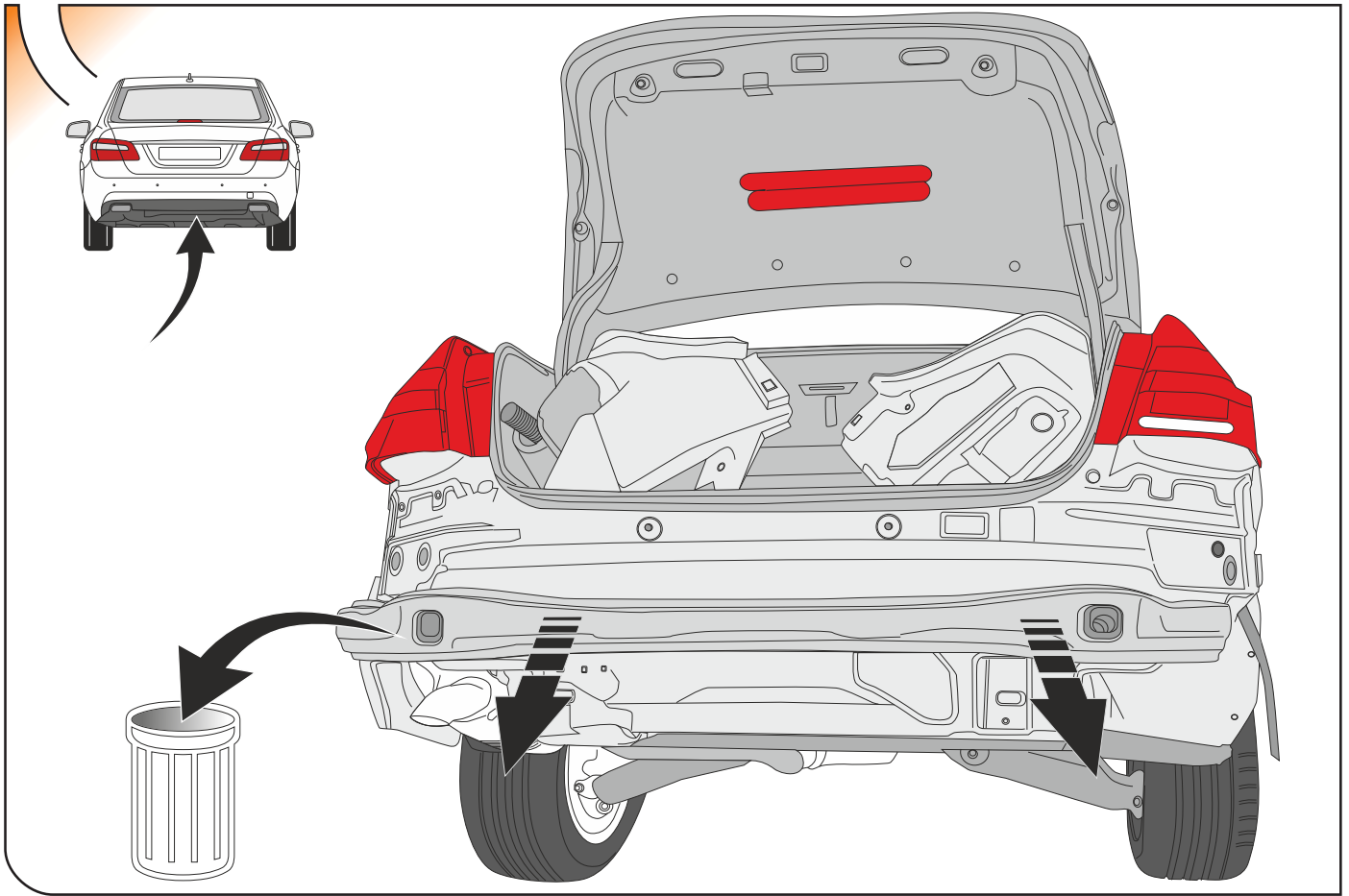
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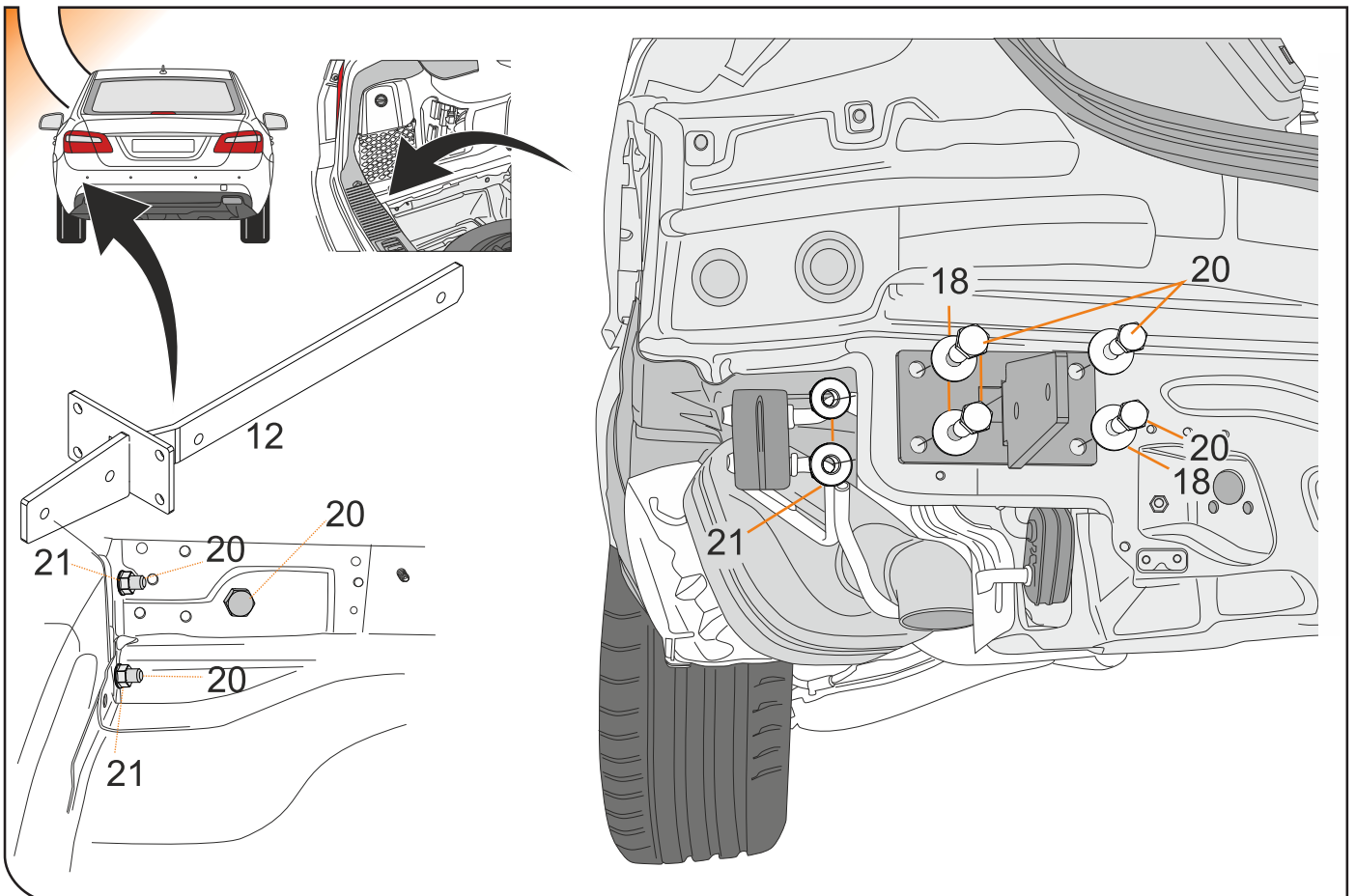
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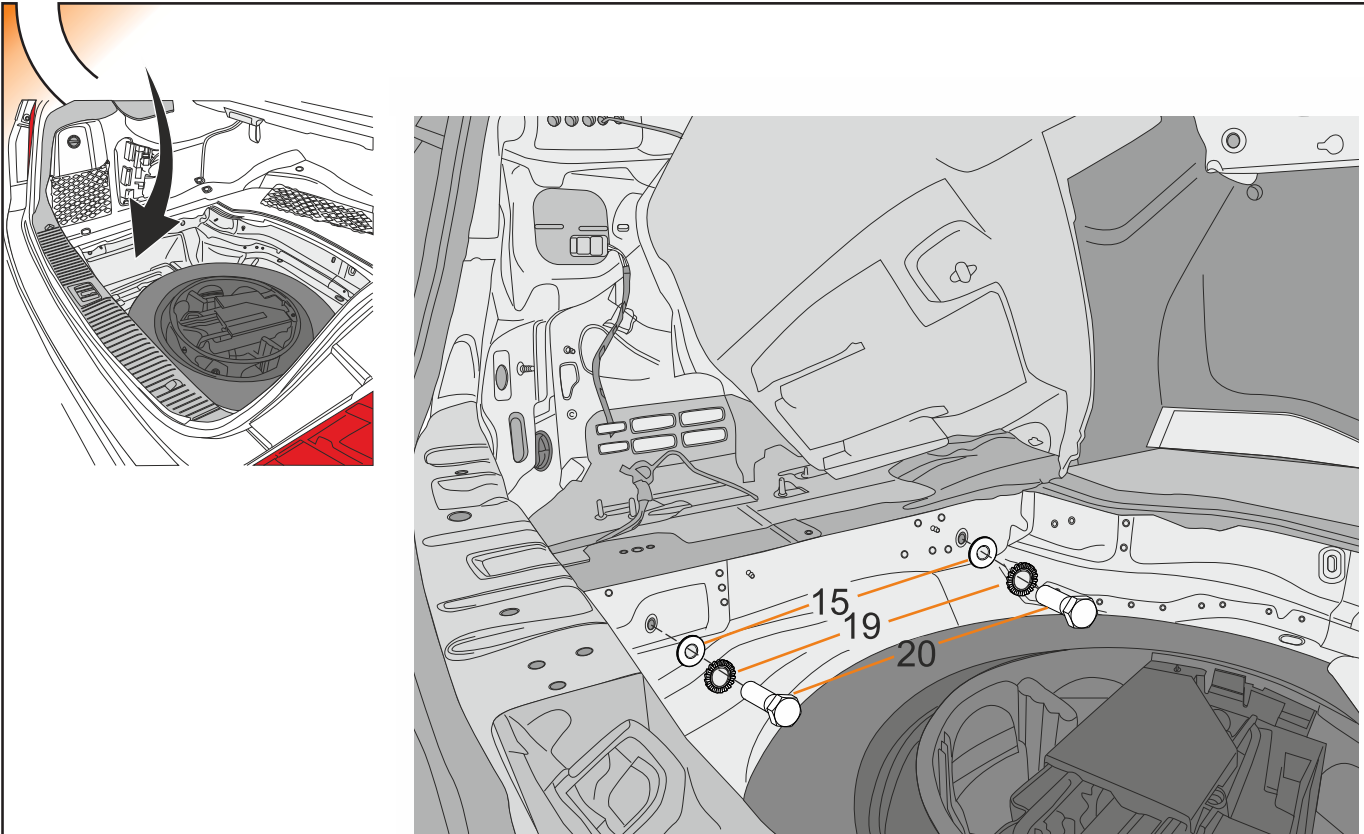
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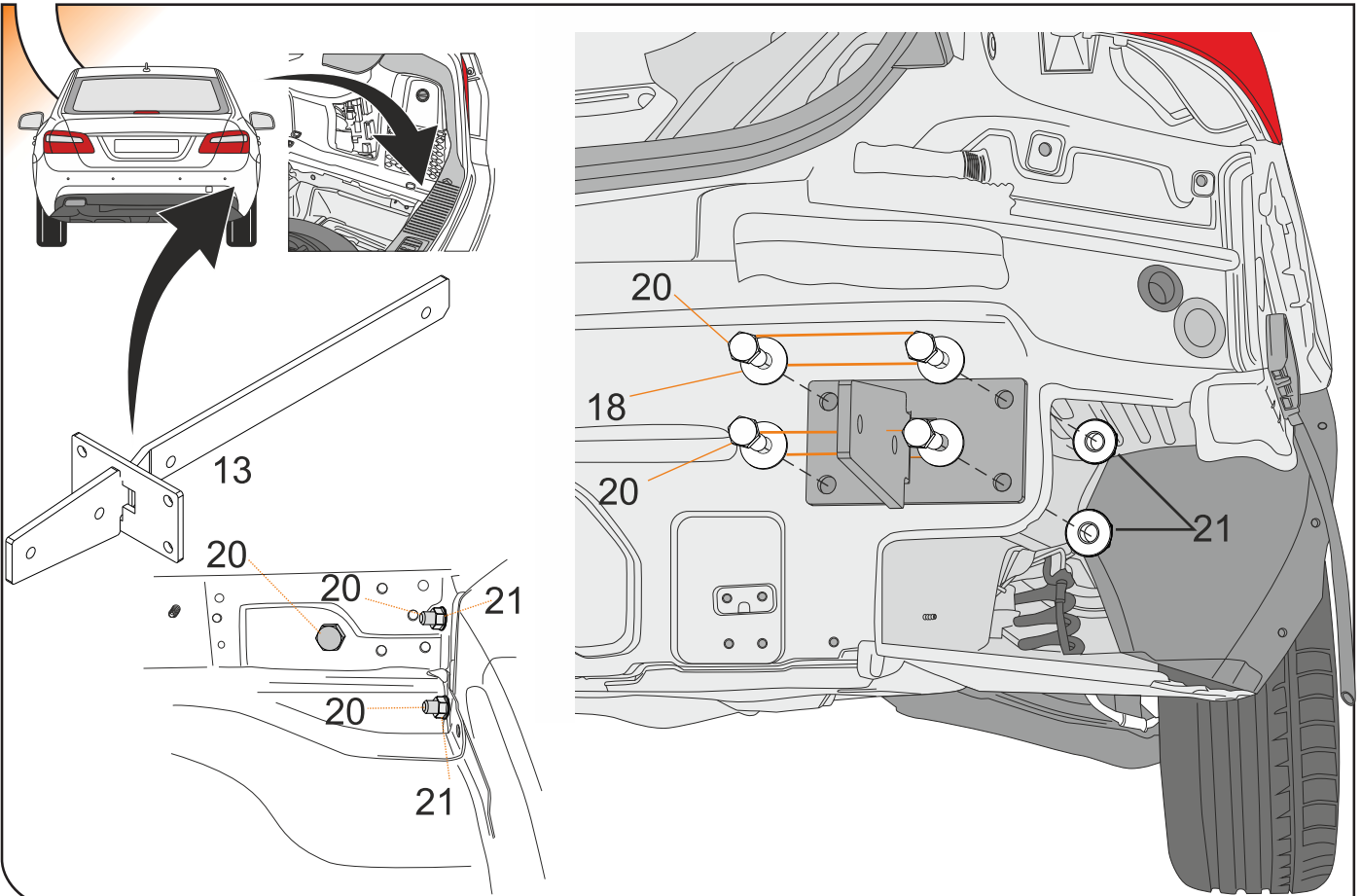
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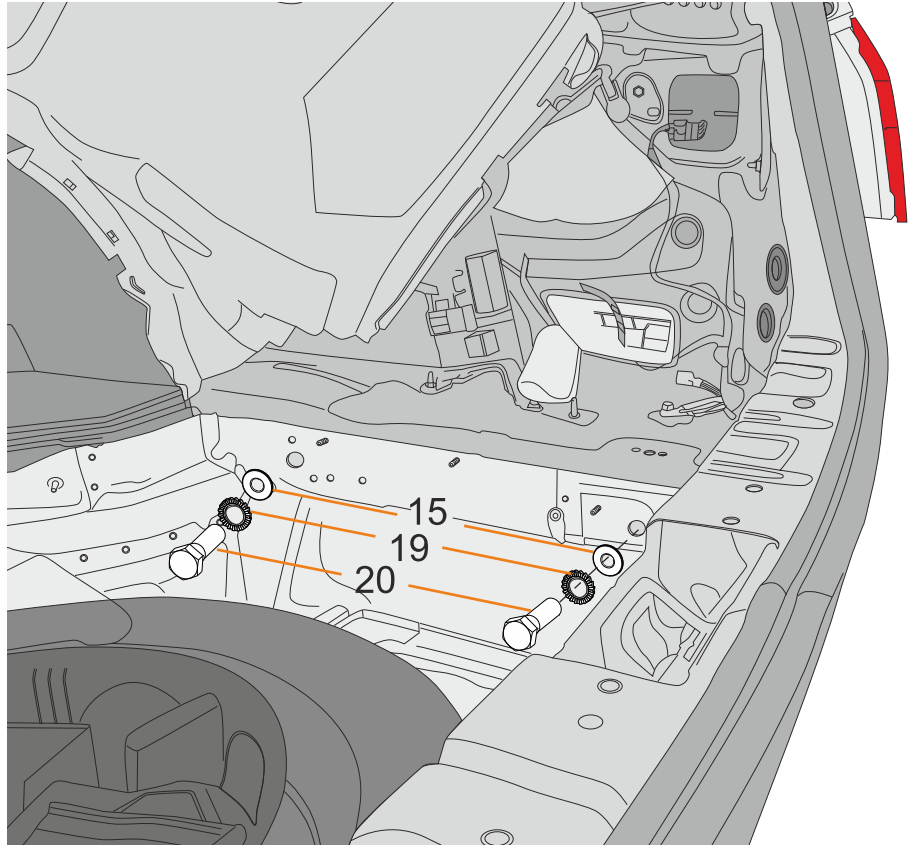
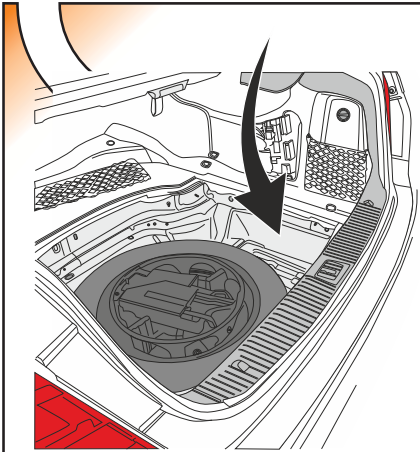
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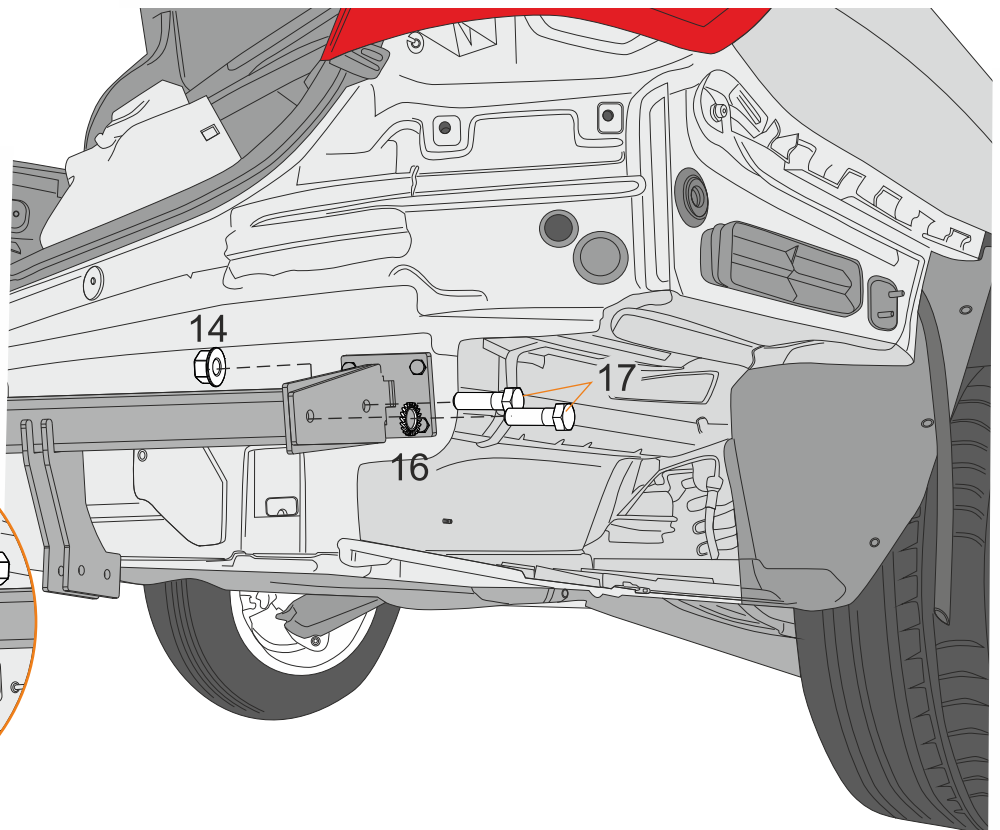
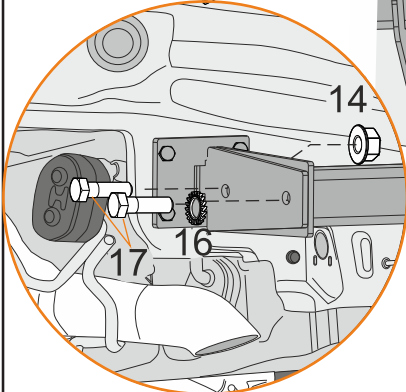
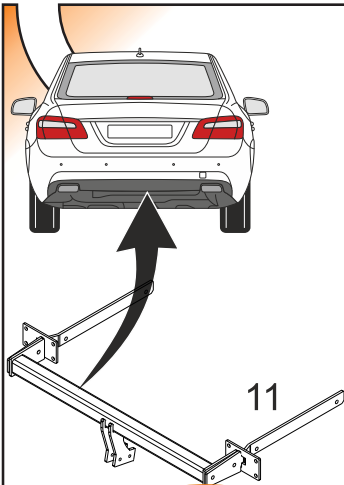
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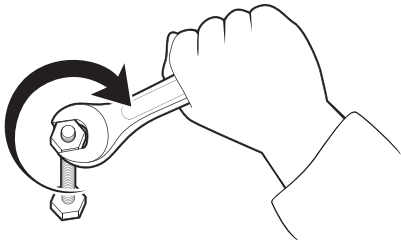
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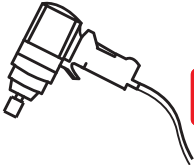
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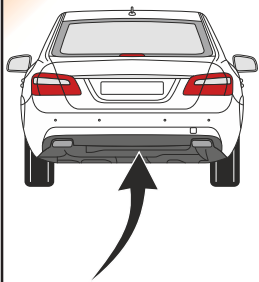
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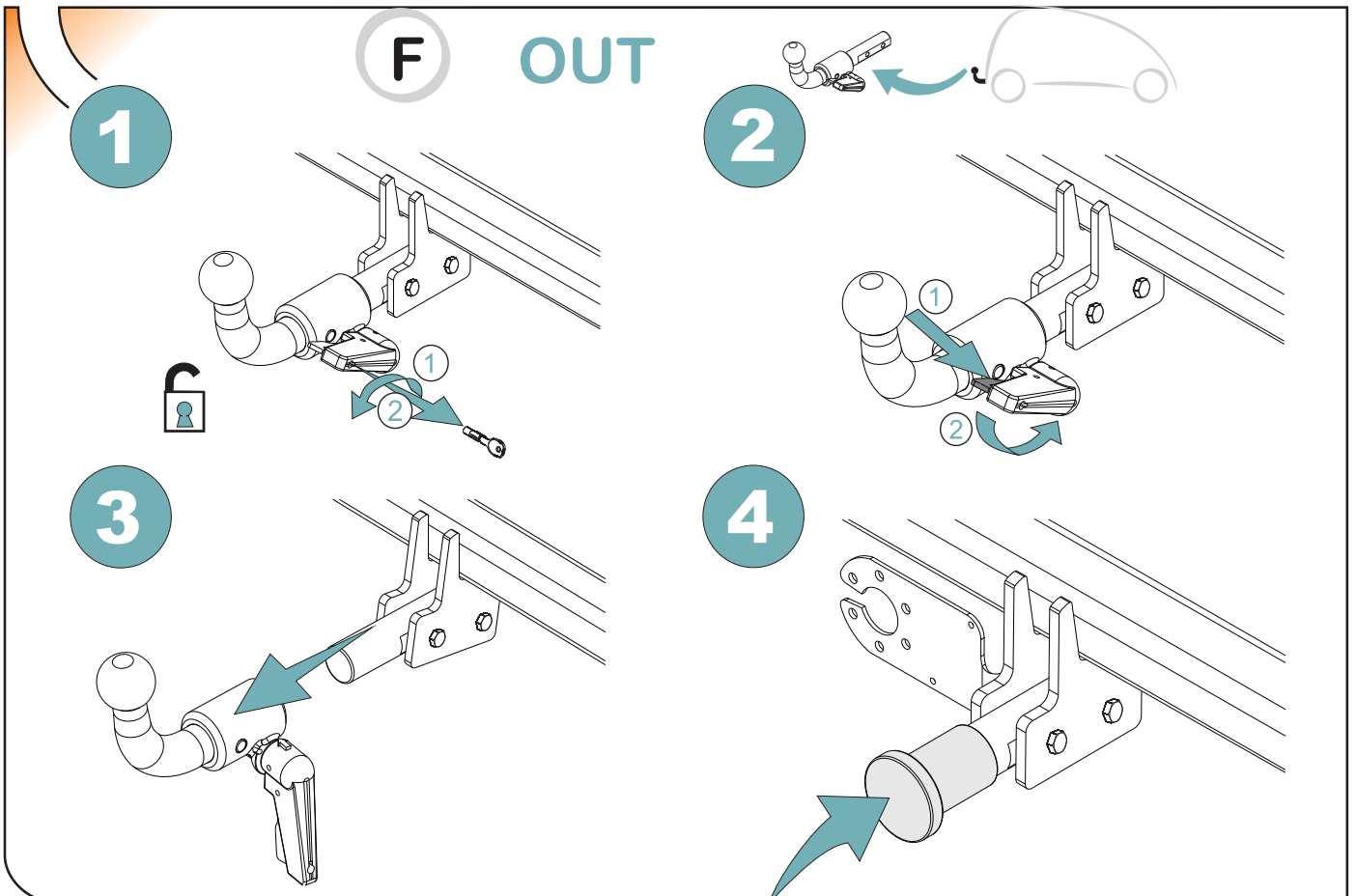
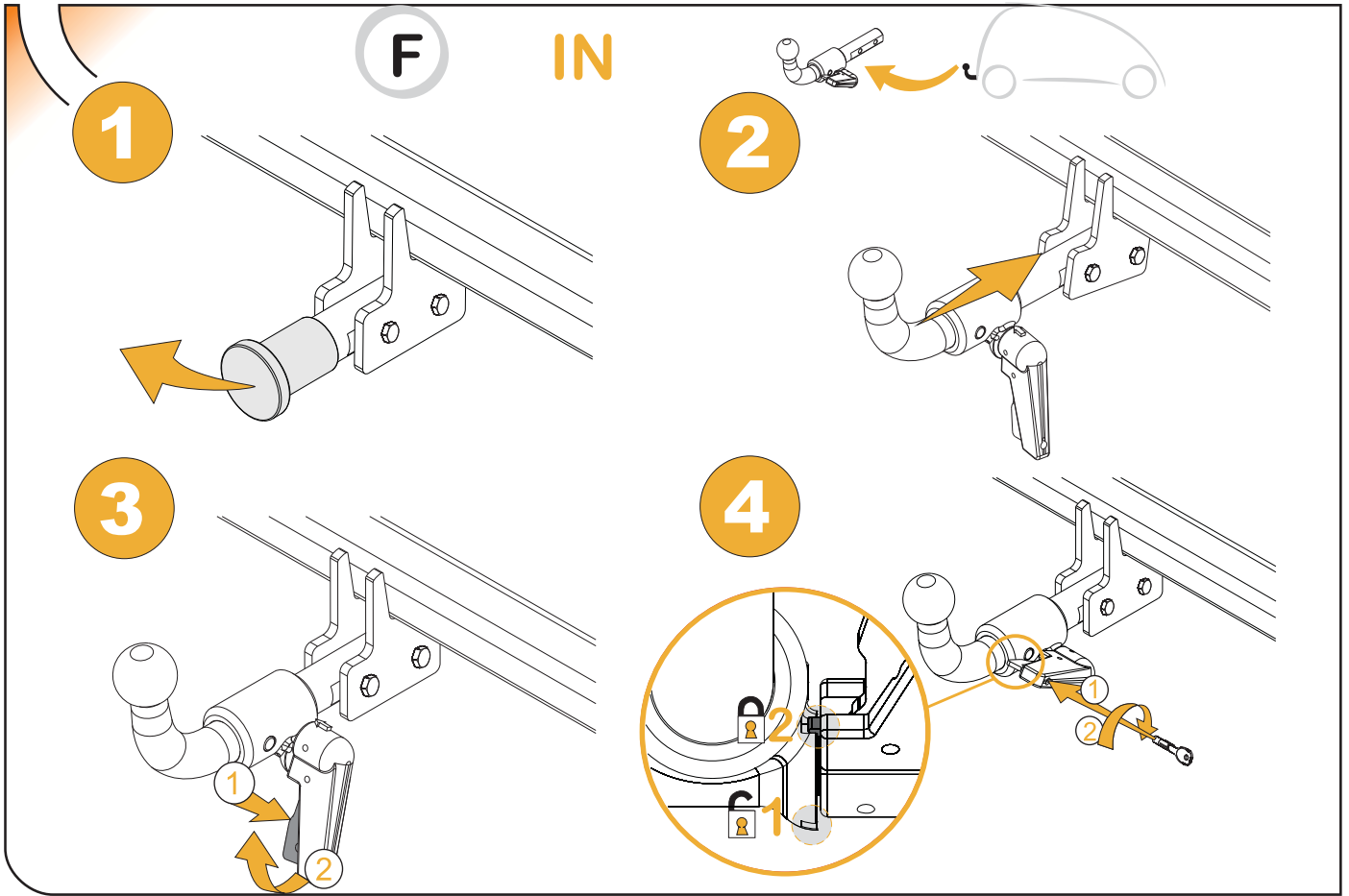


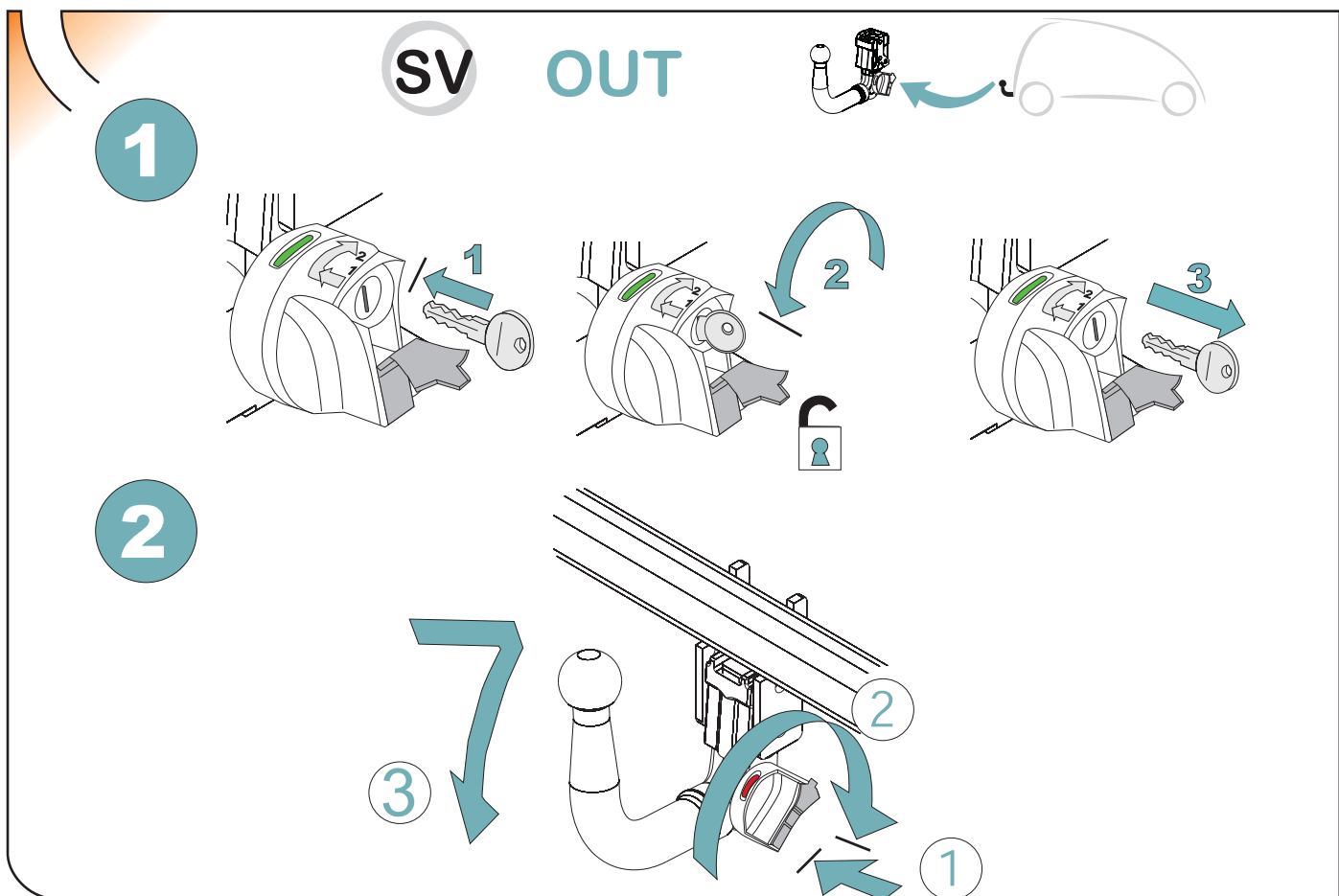
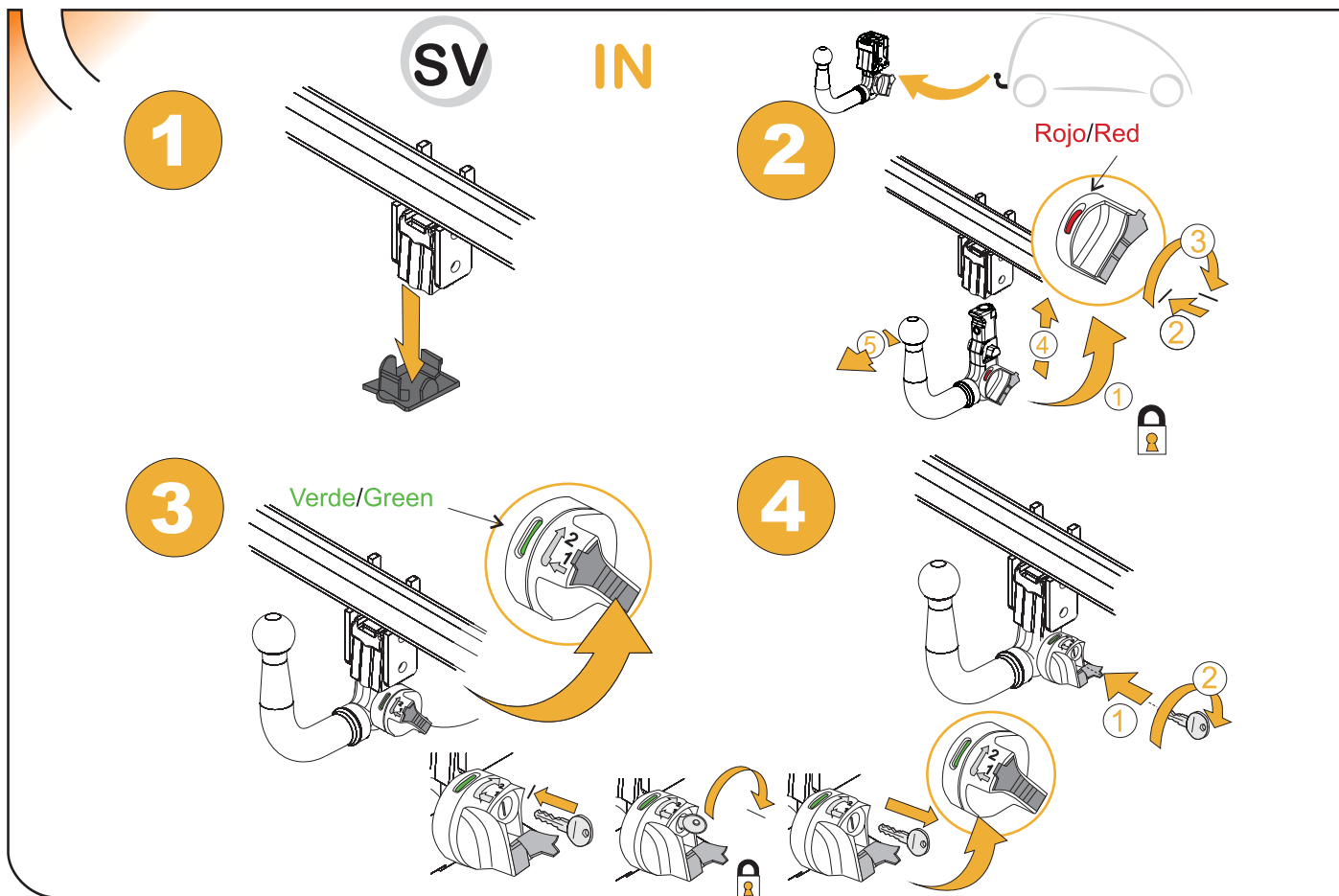
|                                                                                   |    |     |     |     |     |
|-----------------------------------------------------------------------------------|----|-----|-----|-----|-----|
|  | M8 | M10 | M12 | M14 | M16 |
| N/m                               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



10







## 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:

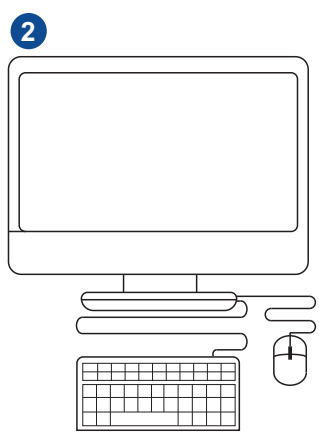
Firma y sello:

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**



**IT**

