

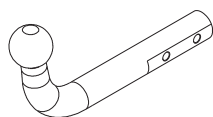
**Mercedes-Benz Clase A (2012- )**  
**Mercedes-Benz Clase B (2011-2014)**  
**Infiniti Qx30 (2016- )**  
**Mercedes-Benz CLA (2013- )**  
**Mercedes-Benz CLA Shooting Brake (2015- )**  
**Mercedes-Benz GLA Urban (2014- )**



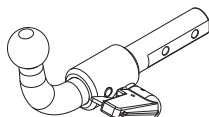


# ECE/R55

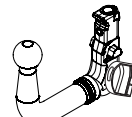
Mercedes - Benz Clase A (2012- )  
 Mercedes - Benz Clase B (2011-2014 )  
 Infiniti QX30 (2016- )  
 Mercedes-Benz CLA (2013- ) / Mercedes-Benz CLA Shooting Brake (2013- )  
 Mercedes-Benz GLA Urban (2014- )



|     |                |       |               |
|-----|----------------|-------|---------------|
| E13 | APPROVALNUMBER |       | D-VALUE       |
|     | 55R-01-4193    |       | D 9,86 kN     |
|     | TYPE           | CLASS | MAX.VERT.LOAD |
|     | MER056         | A50-X | S 100 kg      |



|     |                |       |               |
|-----|----------------|-------|---------------|
| E13 | APPROVALNUMBER |       | D-VALUE       |
|     | 55R-01-4194    |       | D 9,86 kN     |
|     | TYPE           | CLASS | MAX.VERT.LOAD |
|     | MER057-S       | A50-X | S 100 kg      |



|     |                |       |               |
|-----|----------------|-------|---------------|
| E13 | APPROVALNUMBER |       | D-VALUE       |
|     | 55R-01-4194    |       | D 9,86 kN     |
|     | TYPE           | CLASS | MAX.VERT.LOAD |
|     | MER057-V       | A50-X | S 100 kg      |

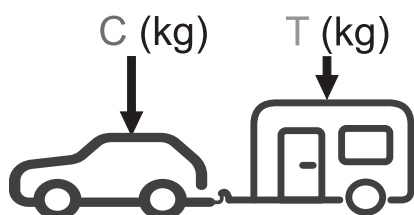
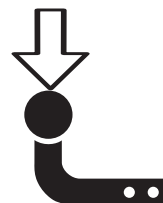
D= 9,86 kN



T= 2000 Kg



S= 100 kg

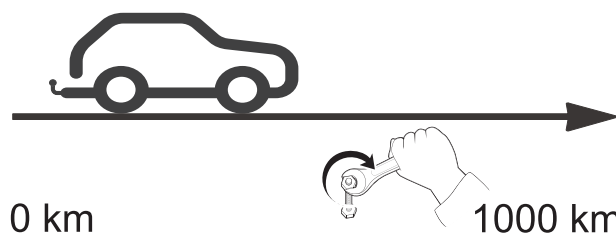


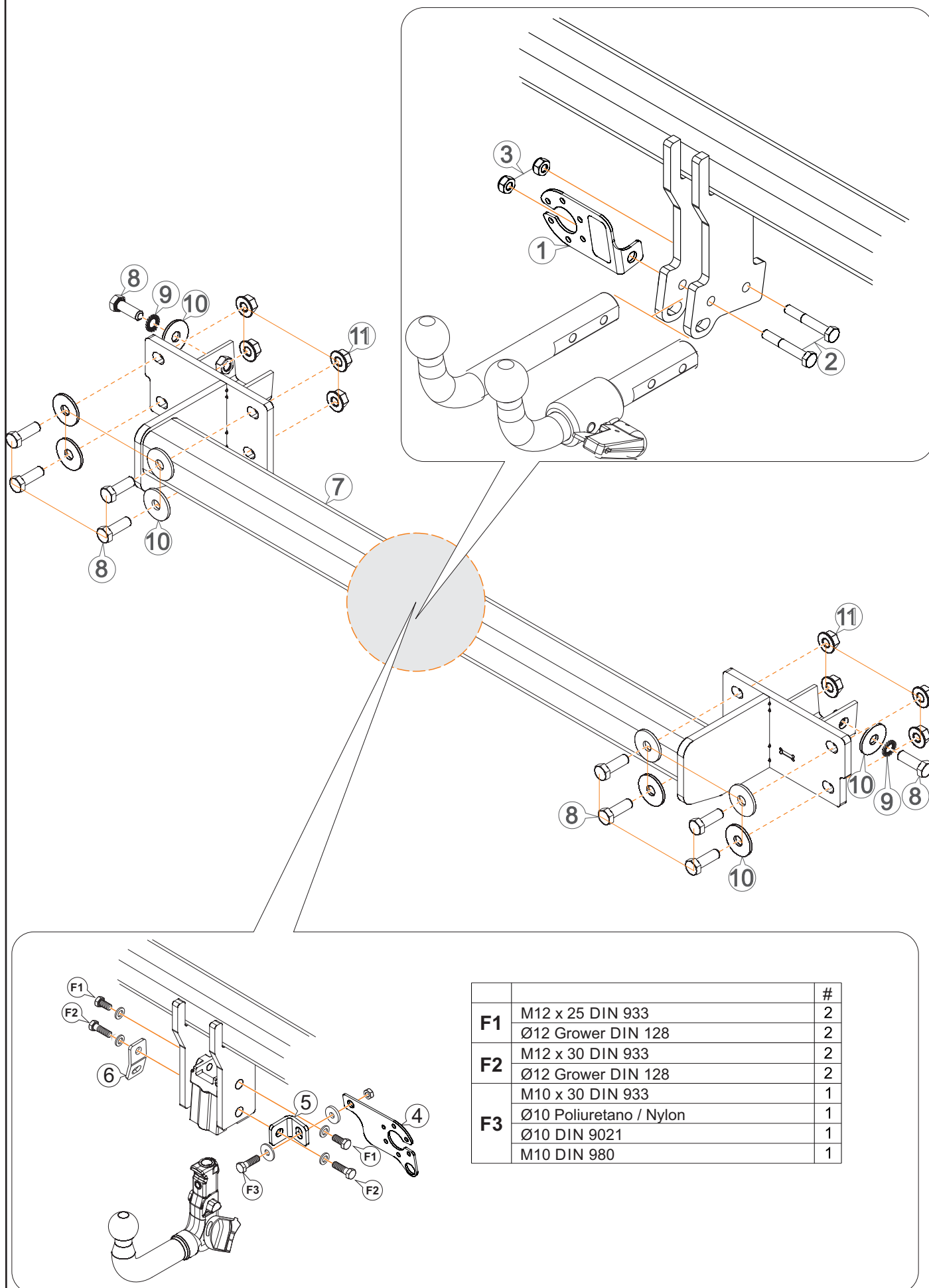
$g = 9,81 \text{ m/s}^2$

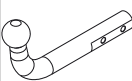
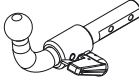
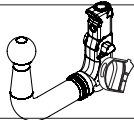
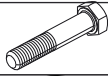
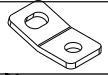
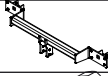
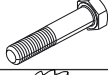
$$D \geq \frac{T \cdot C}{T+C} \cdot \frac{g}{1000} \text{ (kN)}$$

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

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





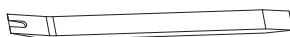
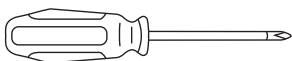
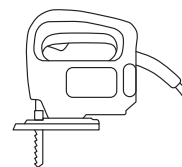
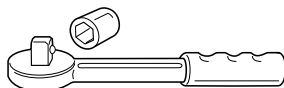
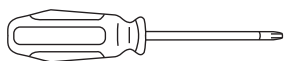
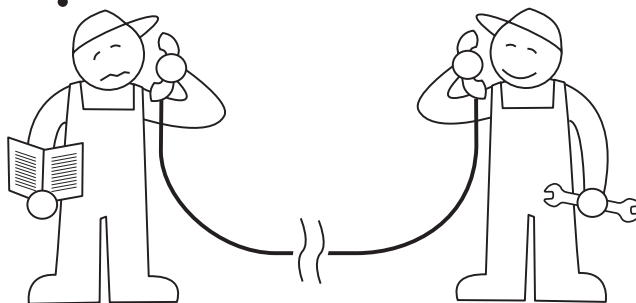
|    |                                                                                    |                |   |  |
|----|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1  |   | AEV0005        | 1                                                                                                                                                                      |                                                                                     |
| 2  |   | M10x65 DIN 931 | 2                                                                                                                                                                      |                                                                                     |
| 3  |   | M10 DIN 980    | 2                                                                                                                                                                      |                                                                                     |
| 4  |   | AEV0009        |                                                                                                                                                                        | 1                                                                                   |
| 5  |   | AEV0008        |                                                                                                                                                                        | 1                                                                                   |
| 6  |   | AEV0006        |                                                                                                                                                                        | 1                                                                                   |
| 7  |   | C4122C         | 1                                                                                                                                                                      | 1                                                                                   |
| 8  |   | M12x35 DIN 933 | 10                                                                                                                                                                     | 10                                                                                  |
| 9  |   | Ø12 DIN 6798   | 2                                                                                                                                                                      | 2                                                                                   |
| 10 |   | Ø12 DIN 9021   | 10                                                                                                                                                                     | 10                                                                                  |
| 11 |  | M12 DIN 6923   | 8                                                                                                                                                                      | 8                                                                                   |

1



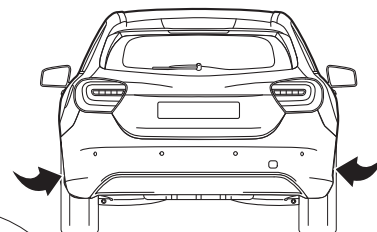
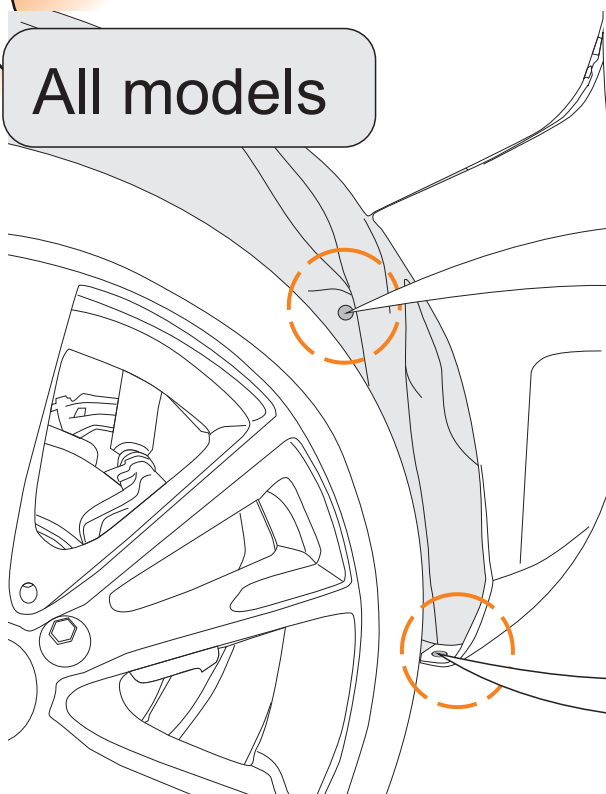
5 min.

?



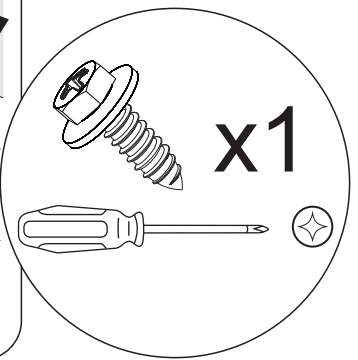
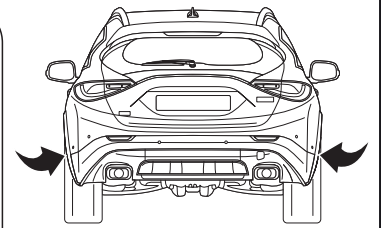
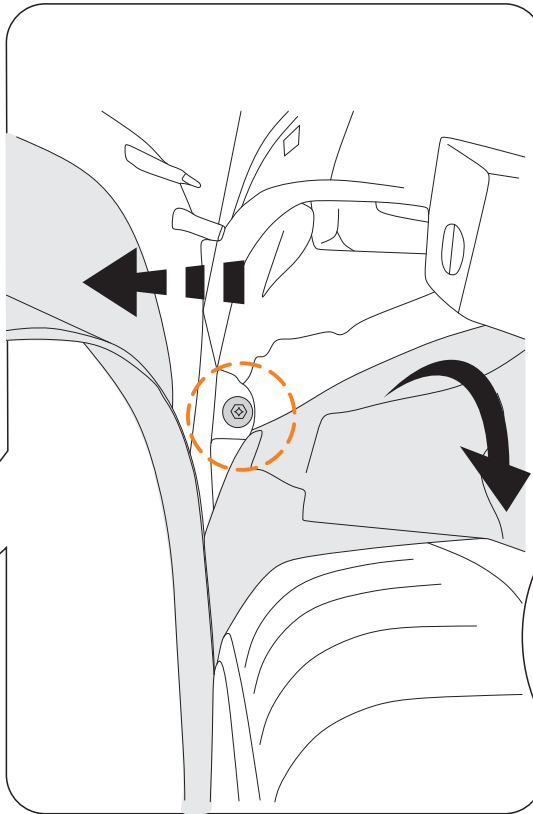
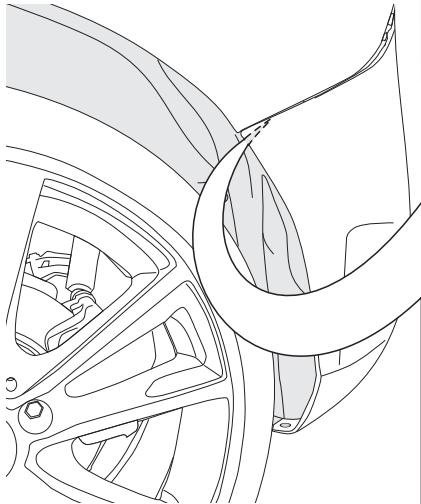
2

All models



3

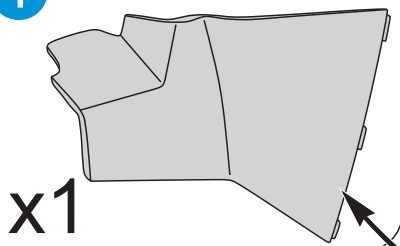
QX30



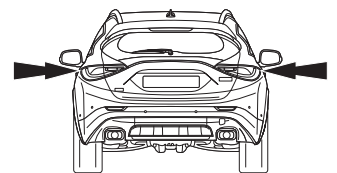
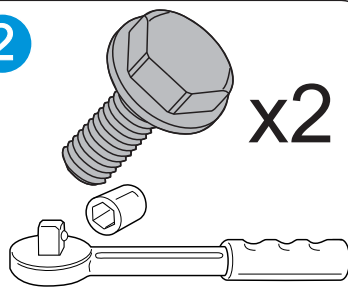
4

QX30

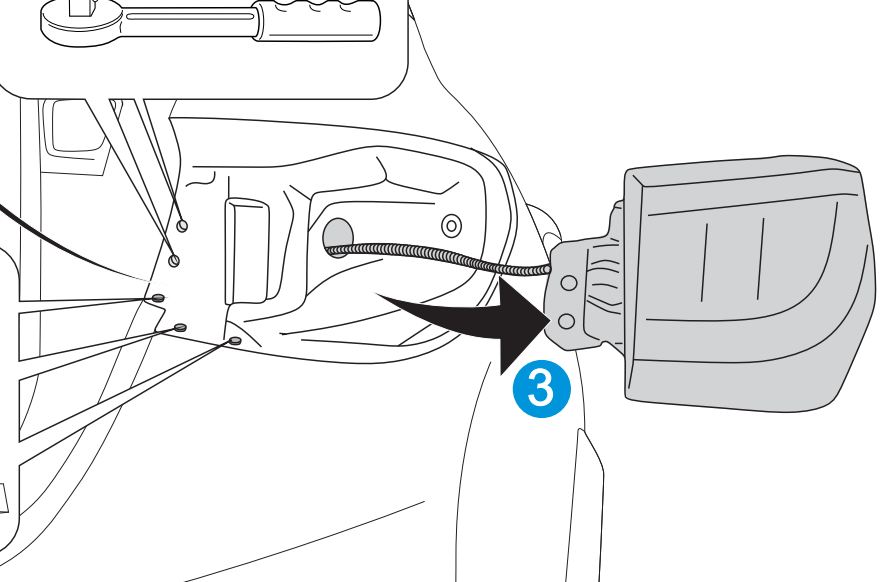
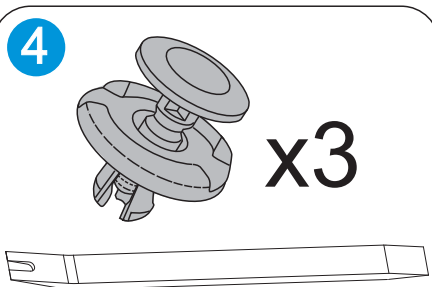
1



2

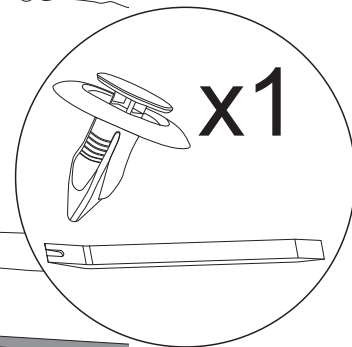
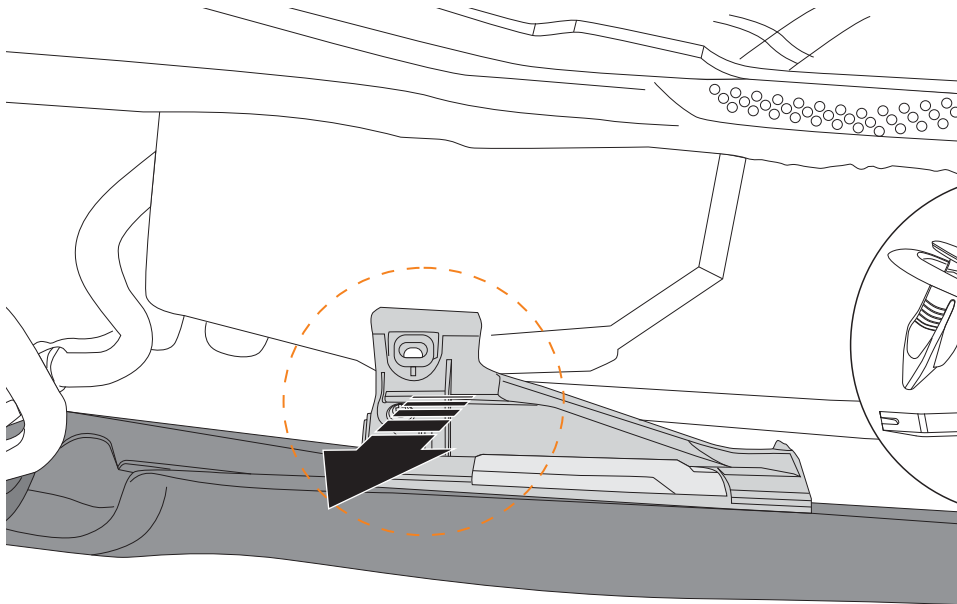
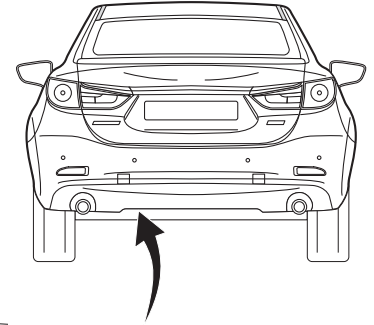


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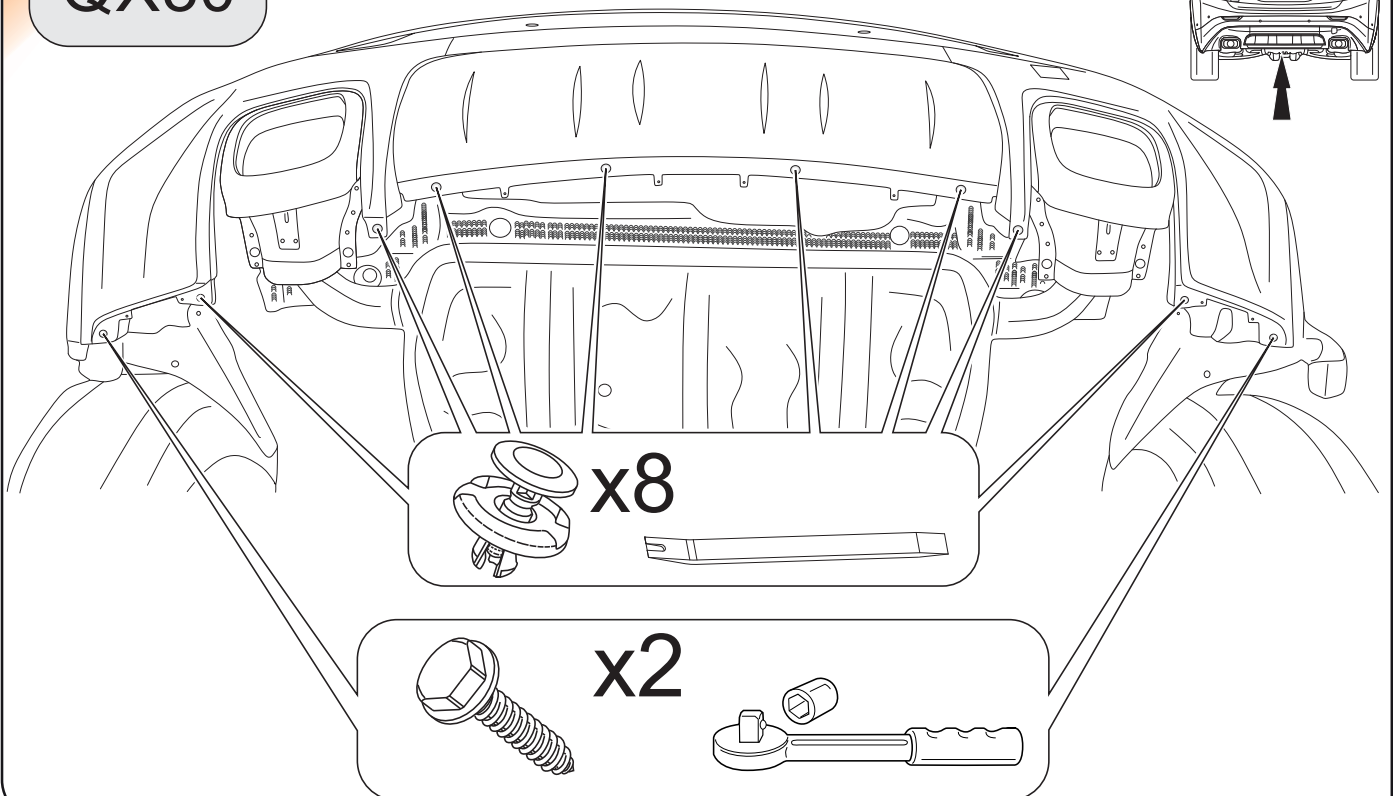
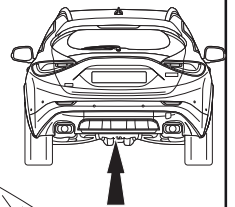
5

Q30



6

QX30



7

All models

1

2

3

x2

x2

x2

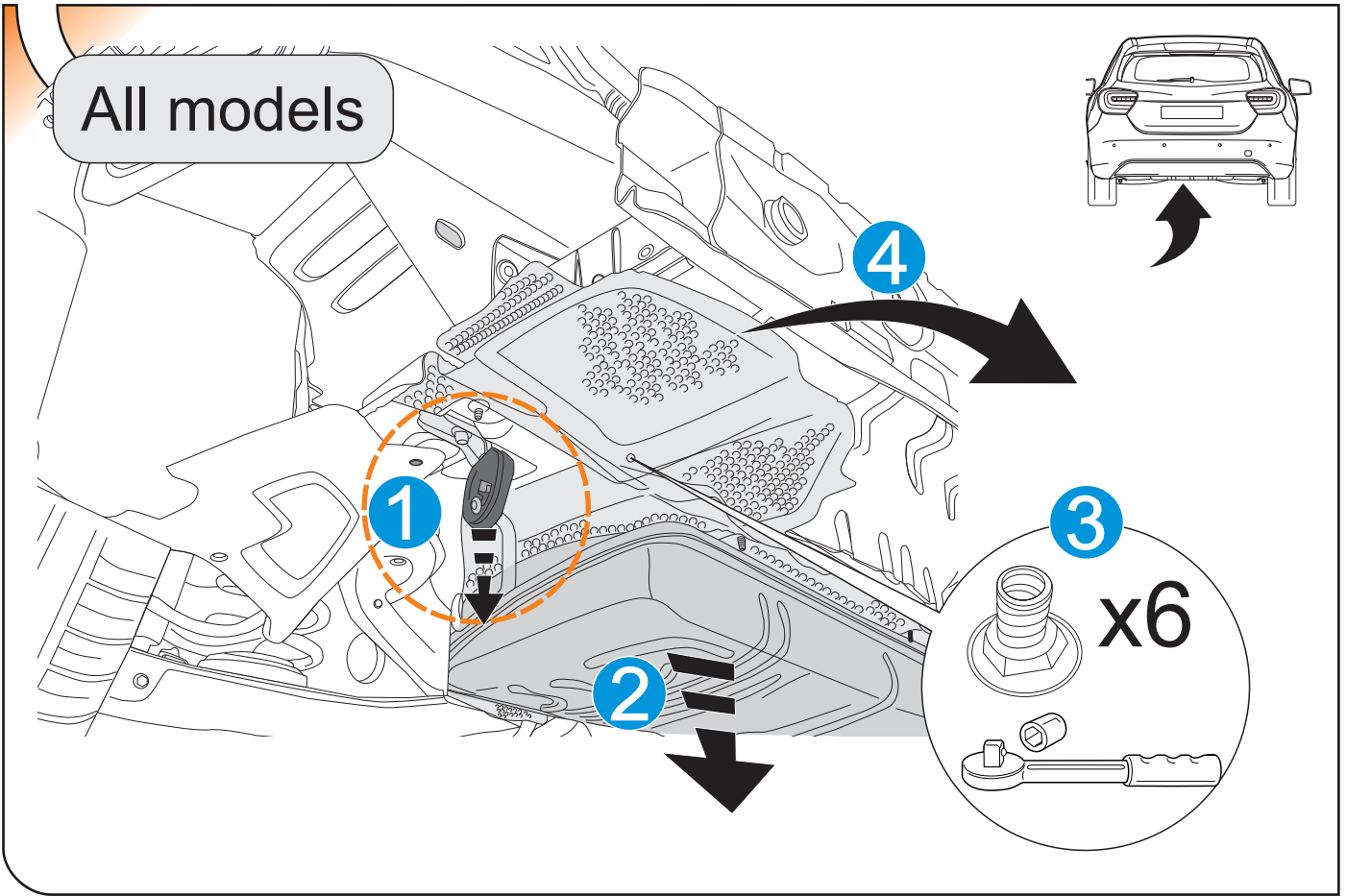


8

All models

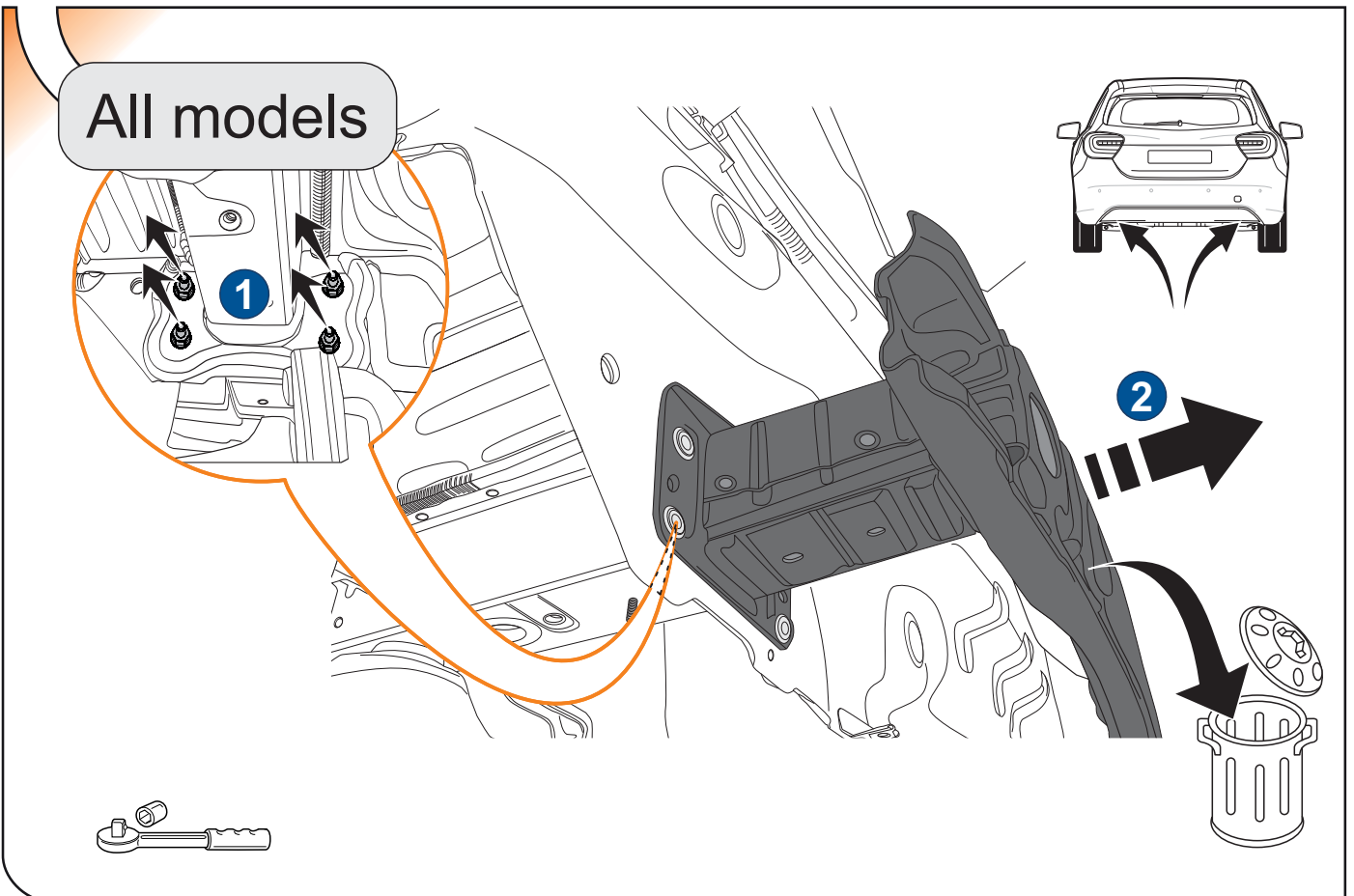
9

All models



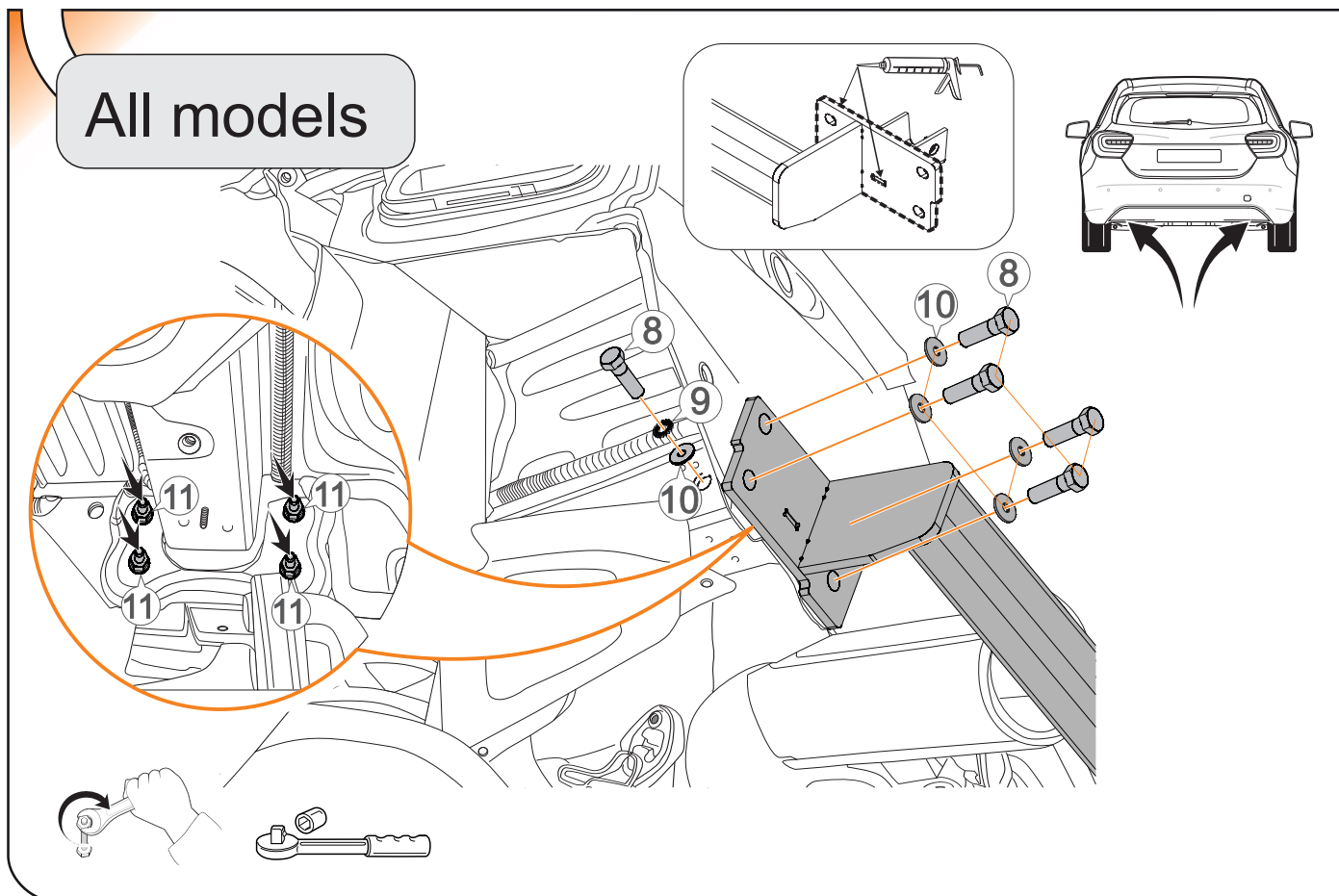
10

All models



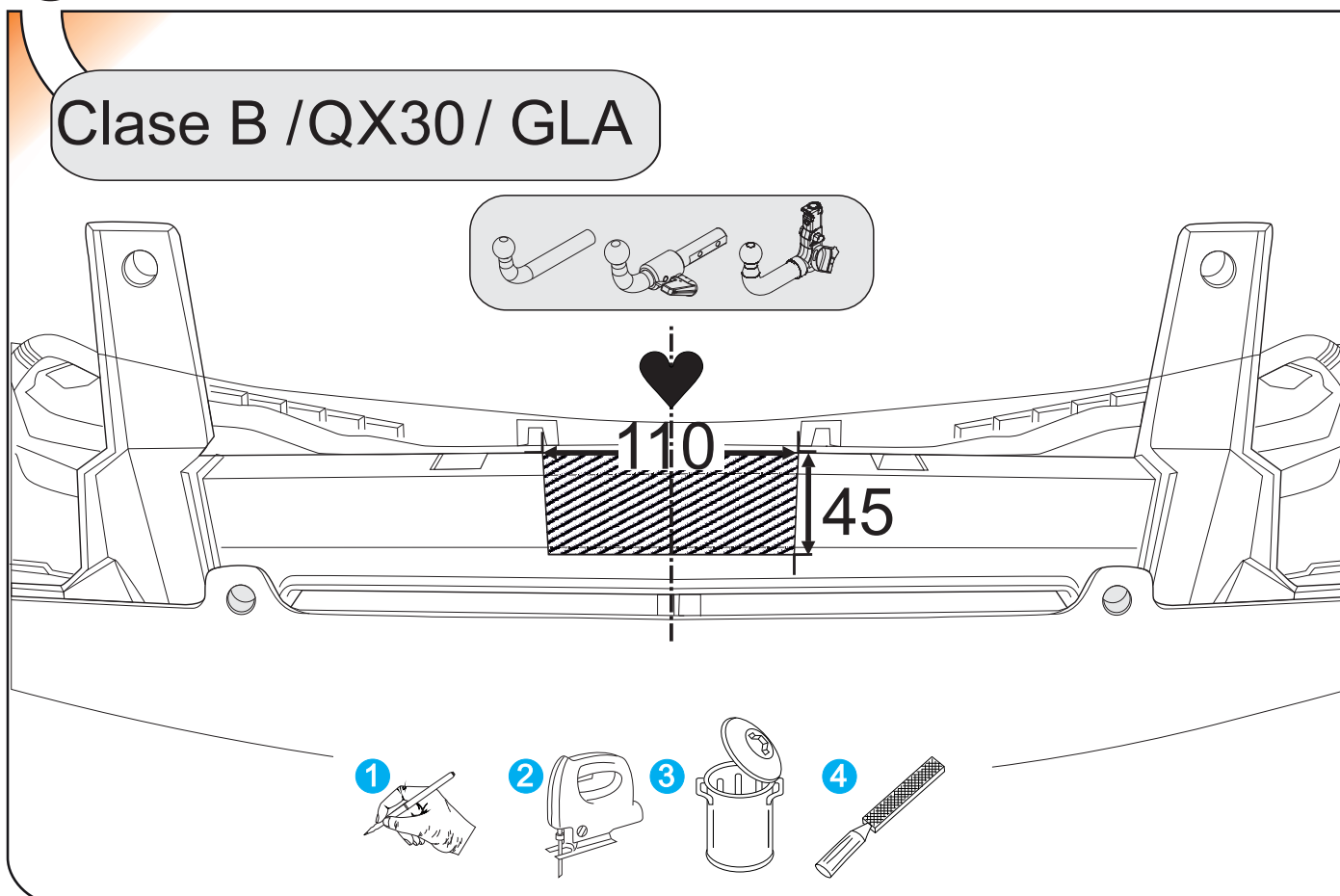
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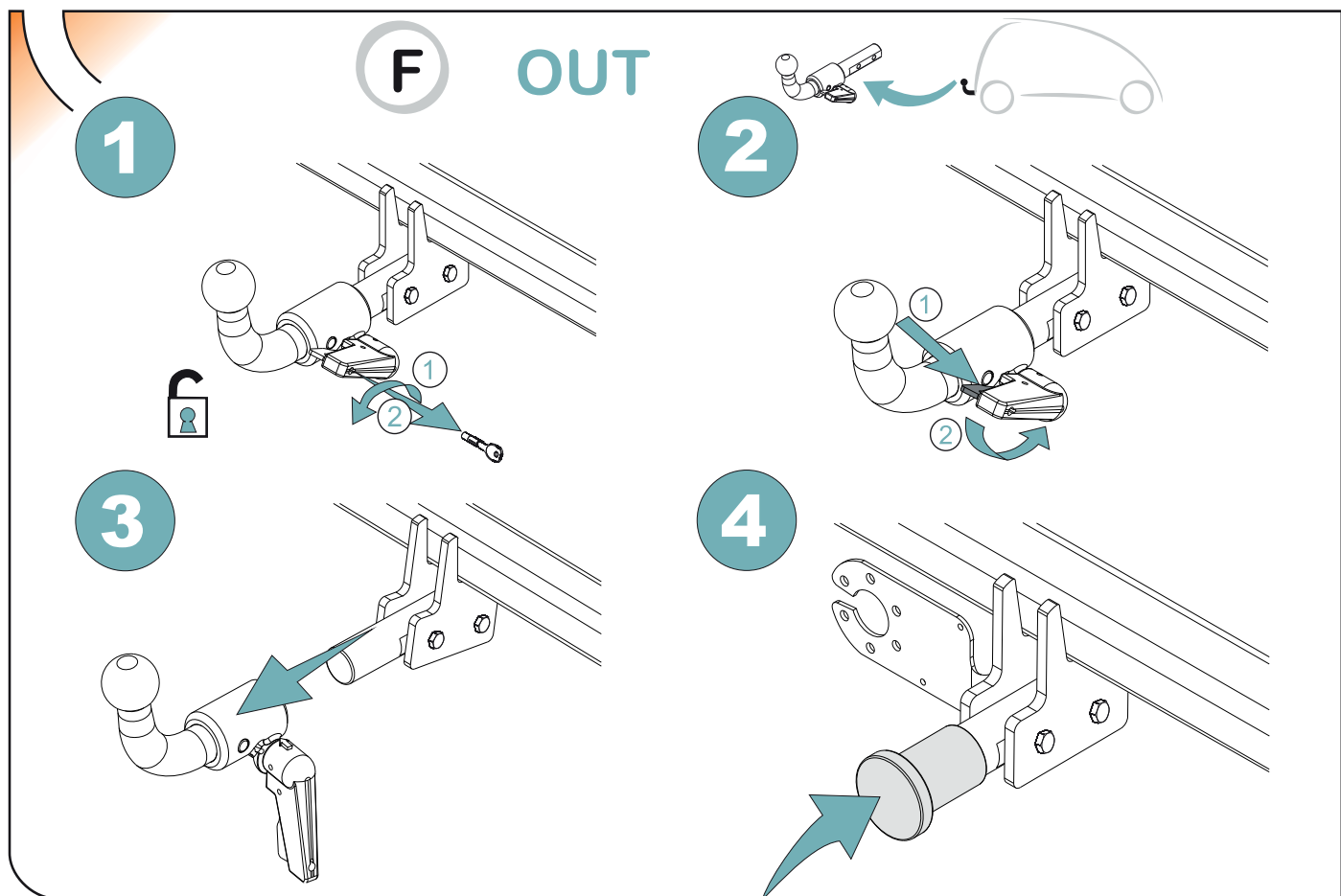
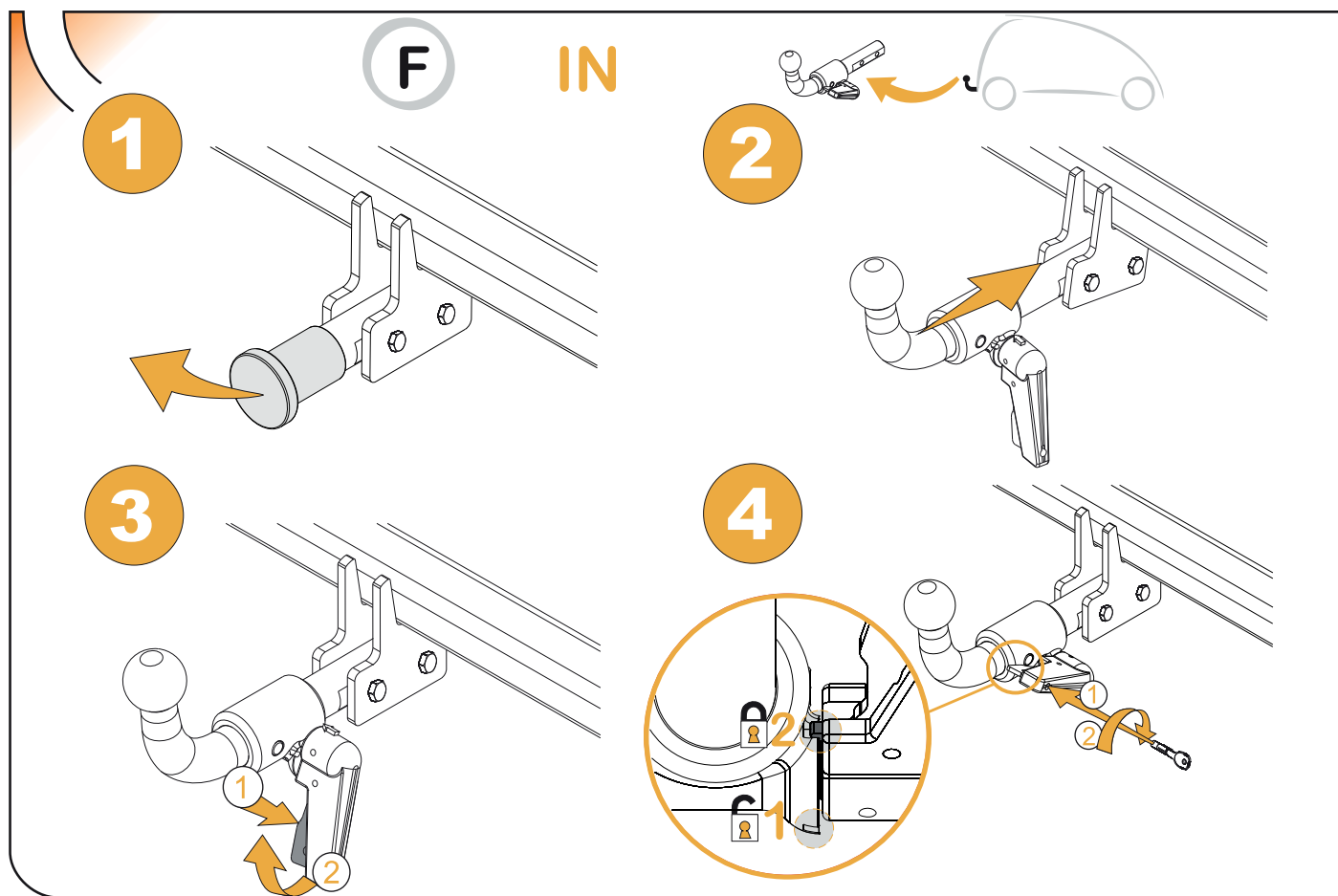
All models

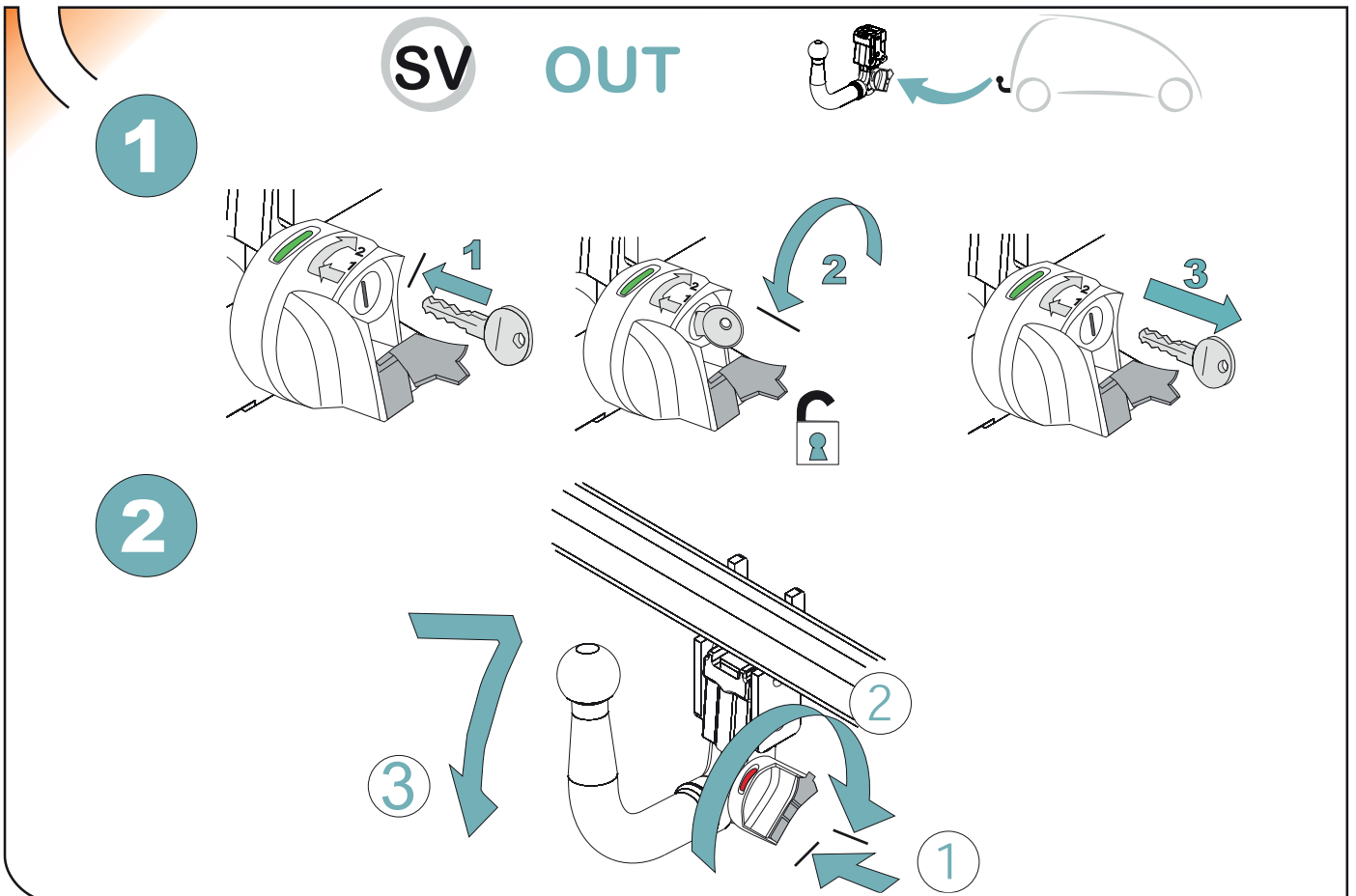
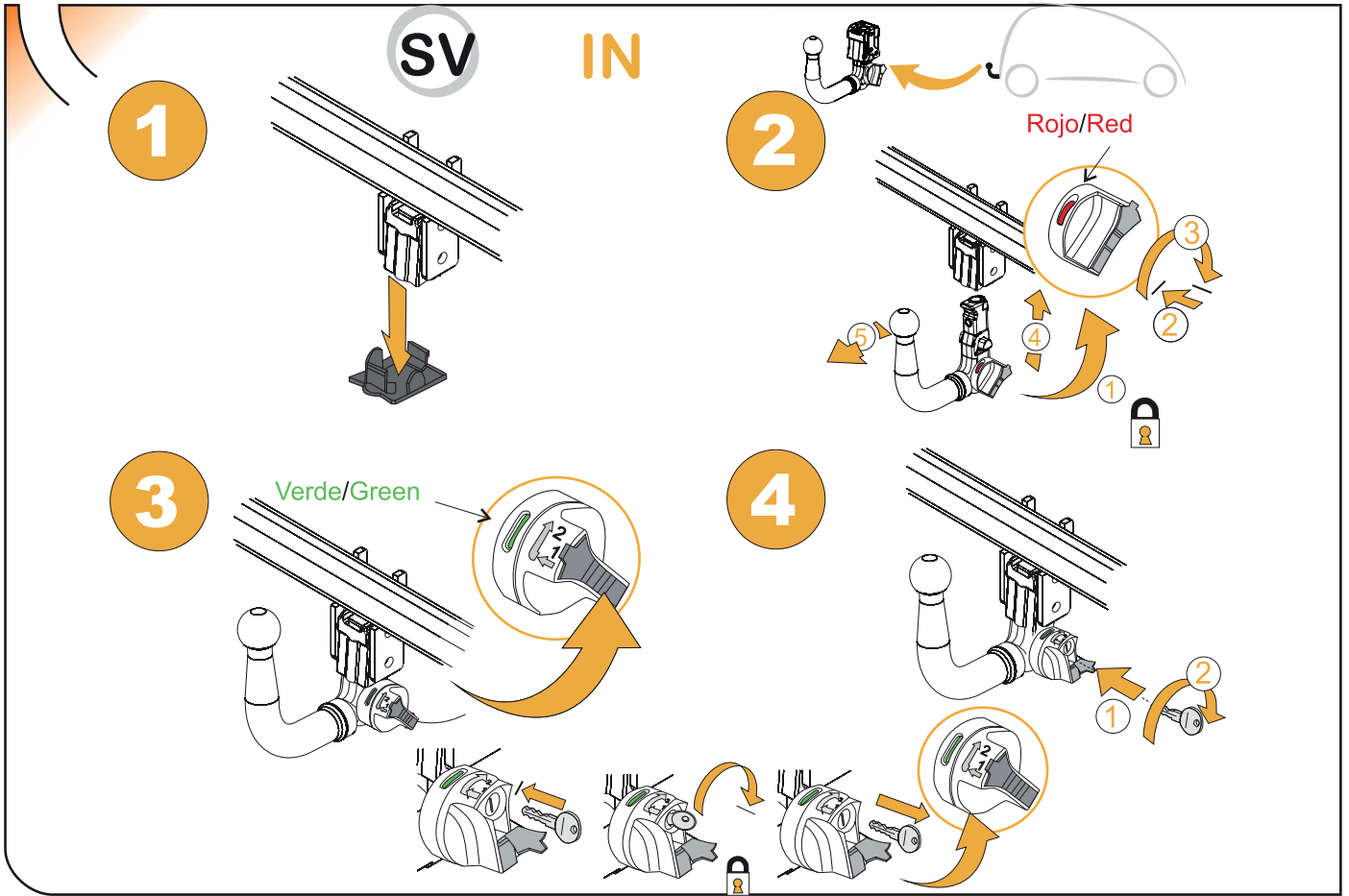


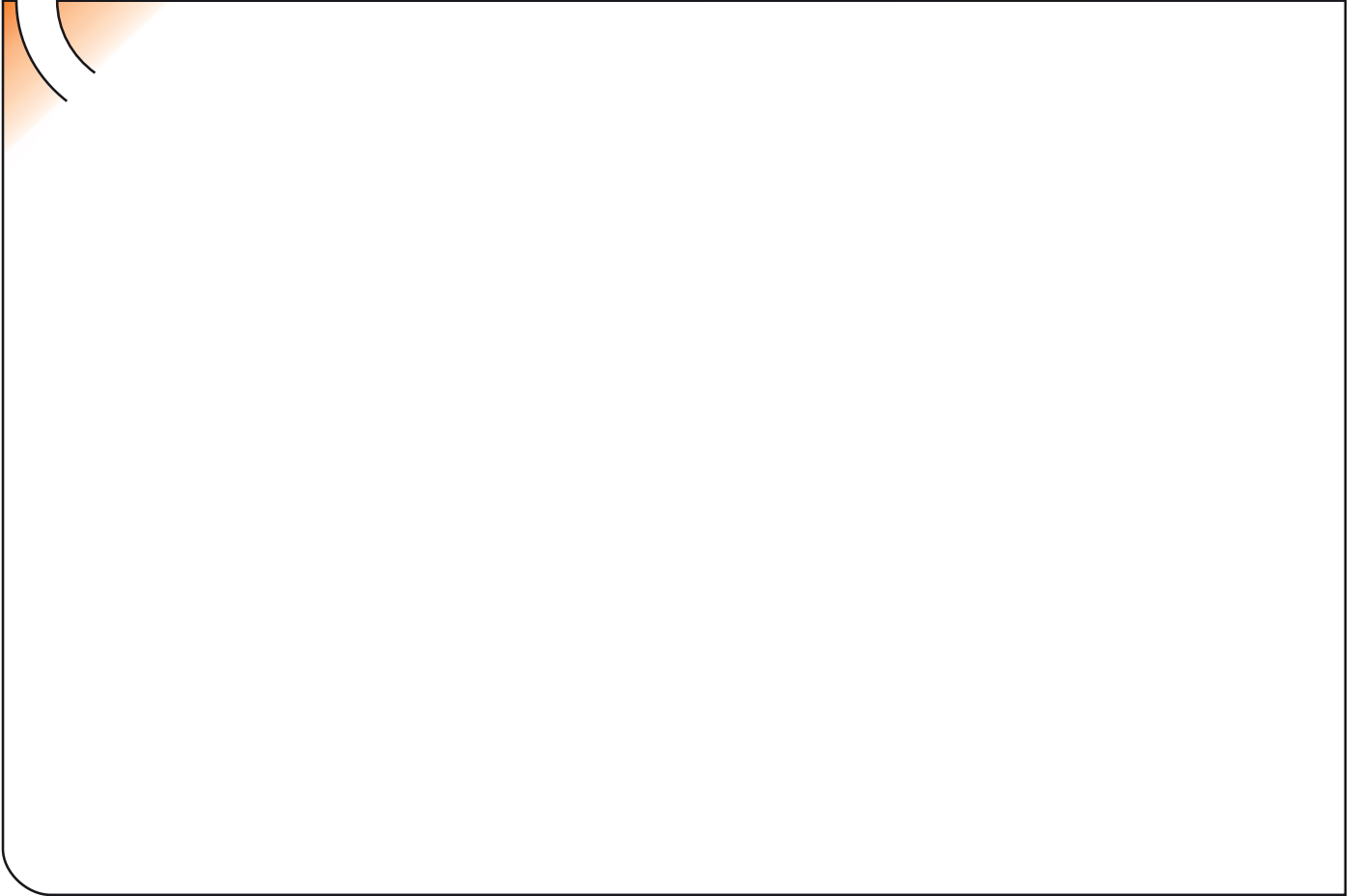
12

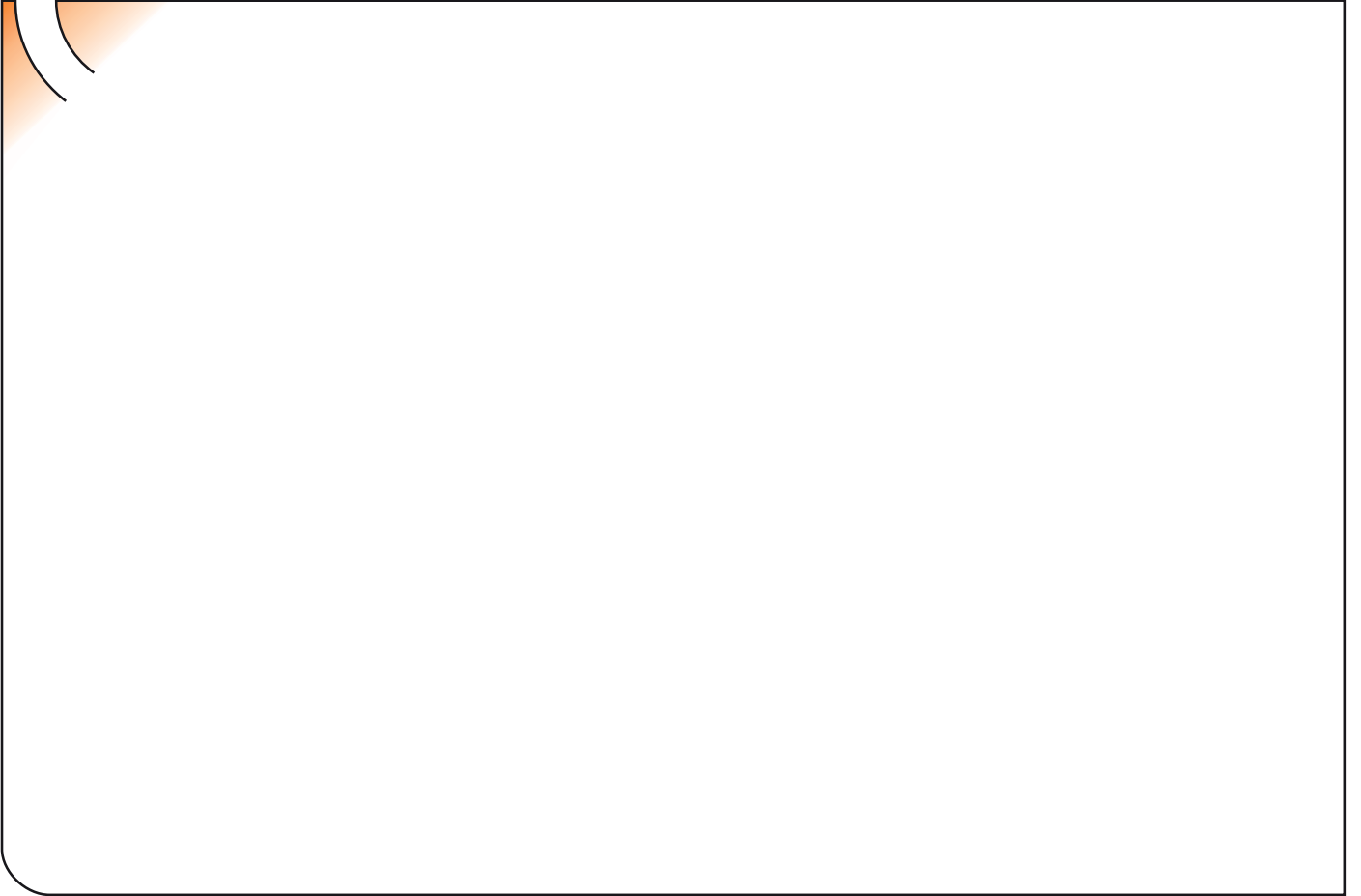
Clase B / QX30 / GLA

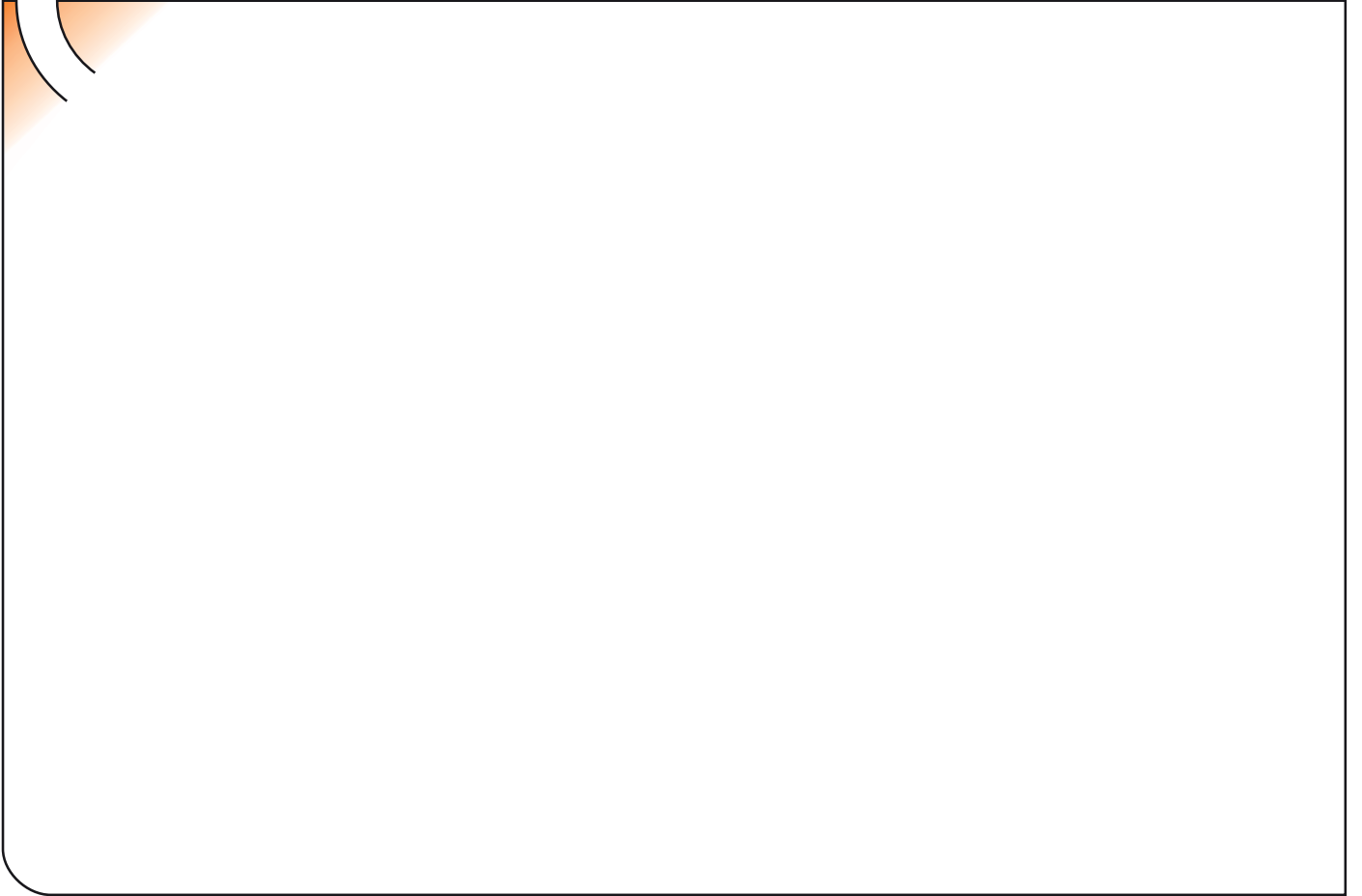












## ANEXO III

### 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:

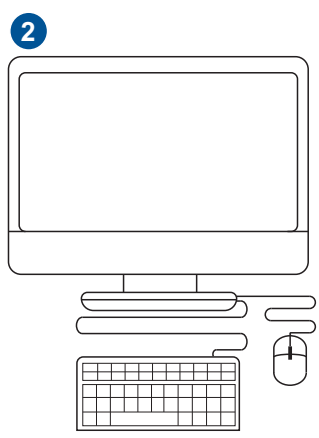
Firma y sello:

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**

