



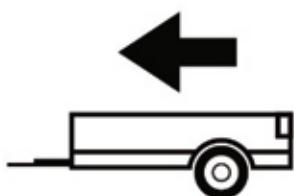
11/2012 -

## RENAULT CLIO IV

Cat. No. R/054

e20

E20 55R-01



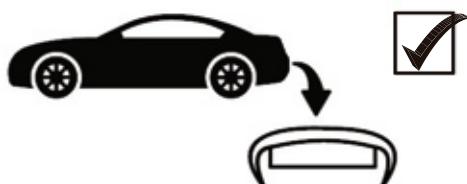
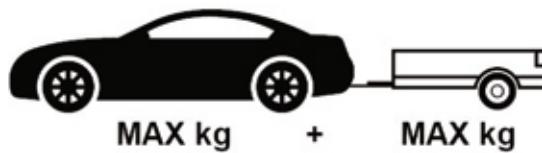
1200Kg



75Kg

**D = 7,06kN**

$$D \text{ (kN)} = \frac{\text{MAX kg} \times \text{MAX kg}}{\text{MAX kg} + \text{MAX kg}} \times 0,00981$$

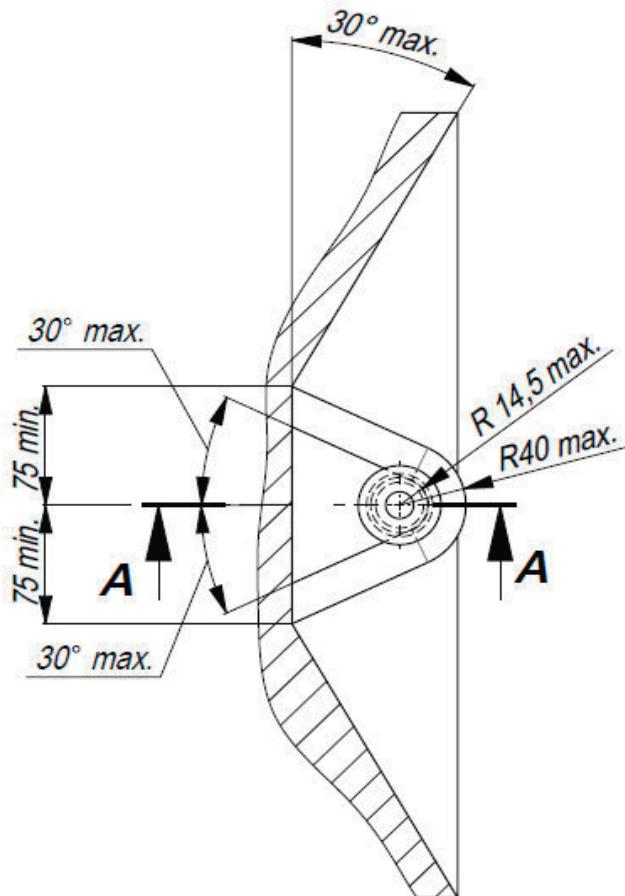


**IMIOLA HAK-POL**

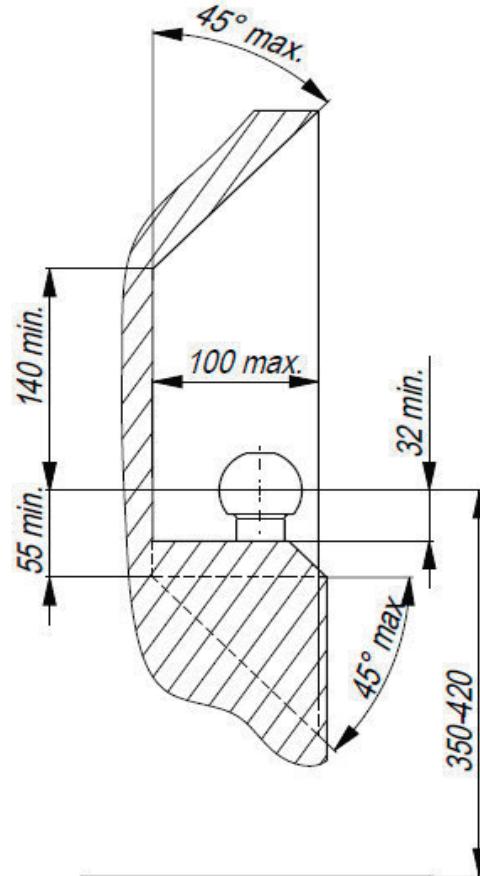
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PRZEKRÓJ A-A



**PL** Należy zagwarantować przestrzeń swobodną według załącznika VII, rysunek 25a/b Regulaminu EKG ONZ 55.01 przy dopuszczalnym ciężarze całkowitym pojazdu.

**GB** The clearance specified in appendix VII, diagram 25a/b of Regulation No. 55.01 UN EU must be guaranteed at laden weight of the vehicle.

**F** L'espace libre doit etre garanti conformement a l'annexe VII, illustration de la reglements 55.01 CE pour un poids total en charge autorise du vehicule.

**D** Der Freiraum nach Anhang VII, Abbildung 25a/b der Vorschriften 55.01 EG ist zu gew 25a/b ahrleisten bei zulässigem Gesamtgewicht des Fahrzeuges

**Moment skręcający dla śrub i nakrętek (8.8)**  
**Torgue settings for nuts and bolts (8.8)**

|            |              |
|------------|--------------|
| <b>M8</b>  | <b>25Nm</b>  |
| <b>M10</b> | <b>55Nm</b>  |
| <b>M12</b> | <b>85Nm</b>  |
| <b>M14</b> | <b>135Nm</b> |
| <b>M16</b> | <b>195Nm</b> |

Q 0Km

→ Q 1000Km

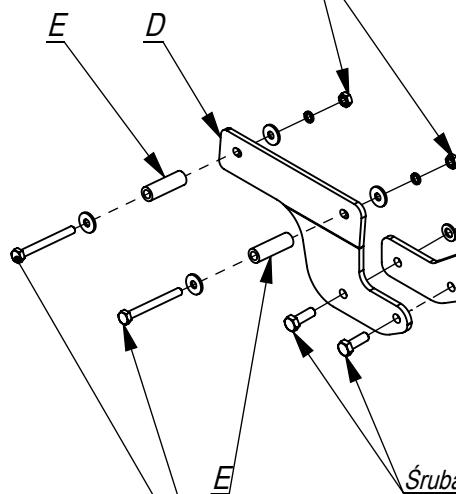
Śruba M10x100-8.8 ; Bolt  
Podkł. okr. 10,5 ; Plain Washer

Nakrętka M10 ; Nut  
Podkł. spręż. 10,2 ; Spring Washer  
Podkł. okr. Ø30x Ø10,5x 3 ; Plain Washer

Nakrętka M12 ; Nut  
Podkł. spręż. 12,2 ; Spring Washer  
Podkł. okr. 13 ; Plain Washer

Nakrętka M10 ; Nut  
Podkł. spręż. 10,2 ; Spring Washer  
Podkł. okr. Ø30x Ø10,5x 3 ; Plain Washer

Śruba M12x35-8.8 ; Bolt



A

Śruba M12x70-8.8 ; Bolt

F

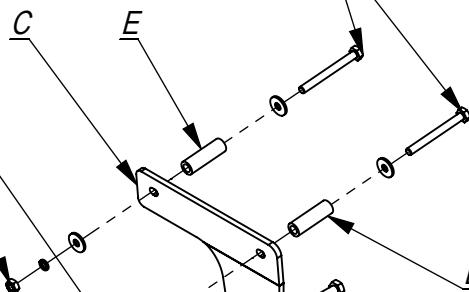
E

Śruba M12x35-8.8 ; Bolt

G

B

Śruba M10x100-8.8 ; Bolt  
Podkł. okr. 10,5; Plain Washer

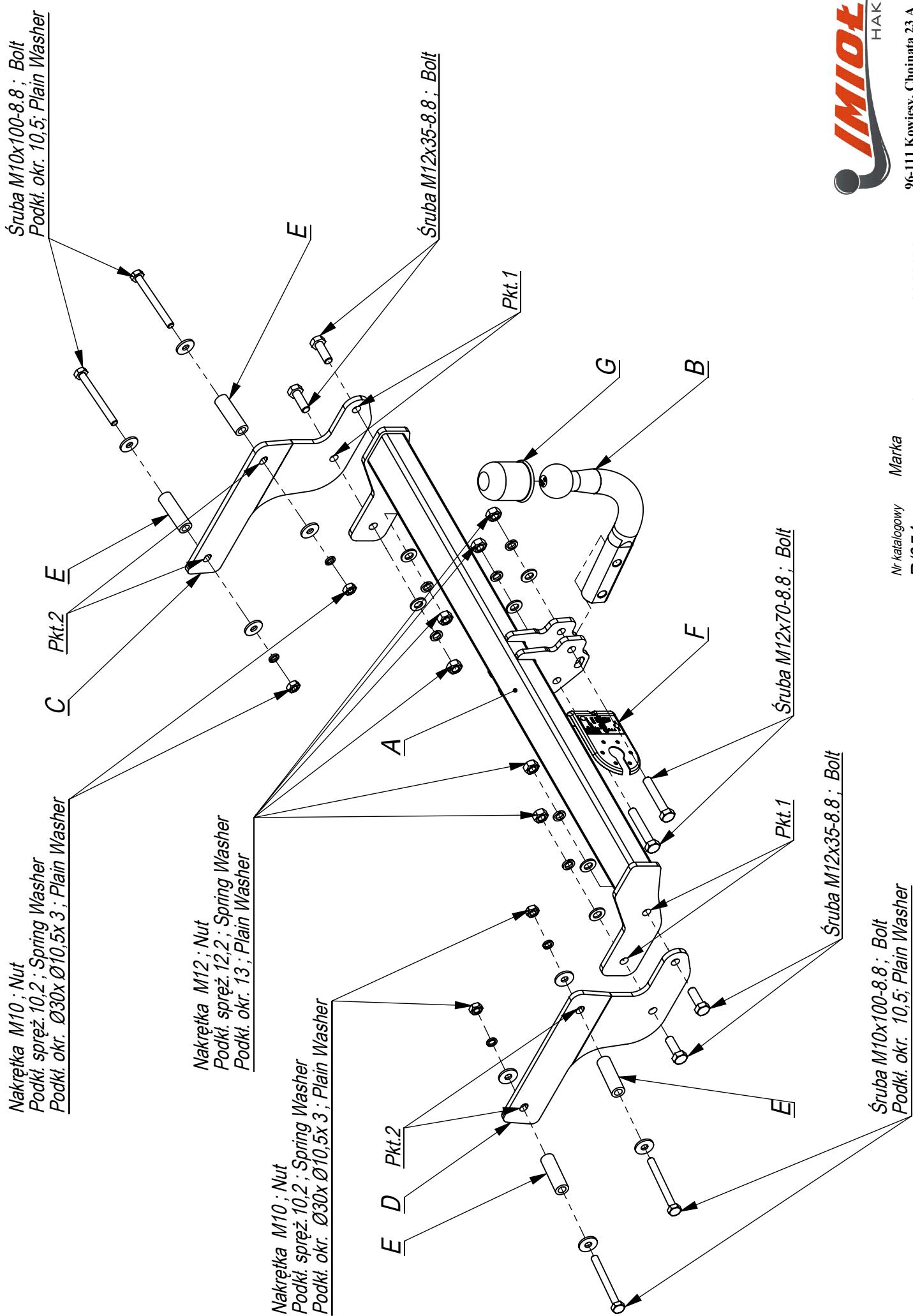


C

E

E

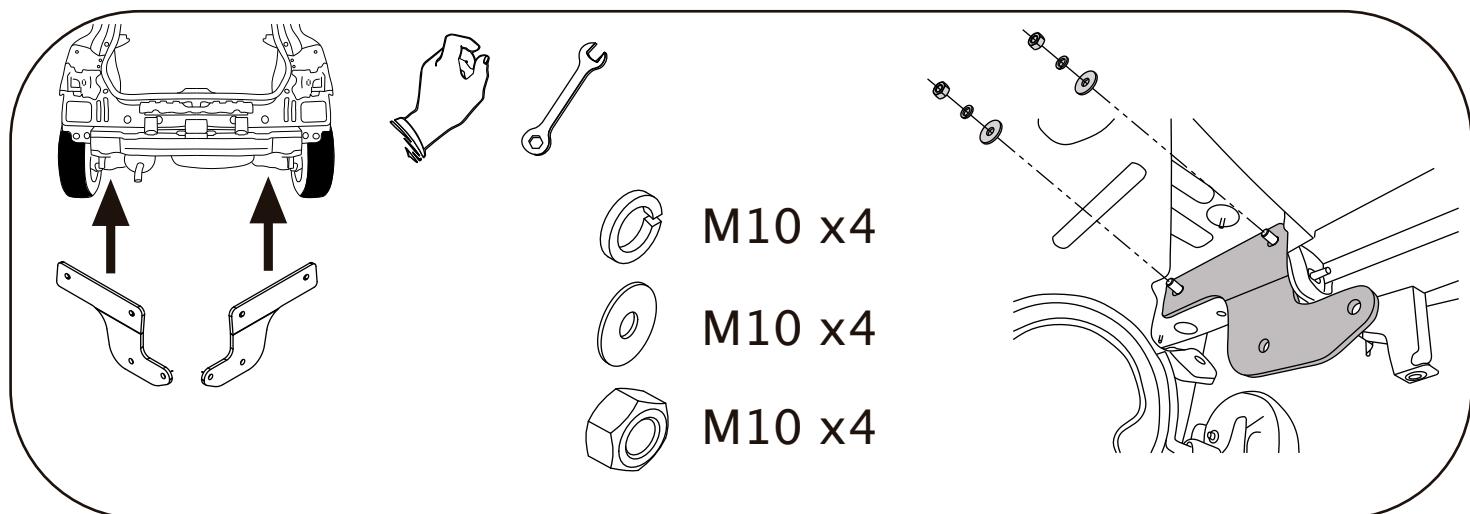
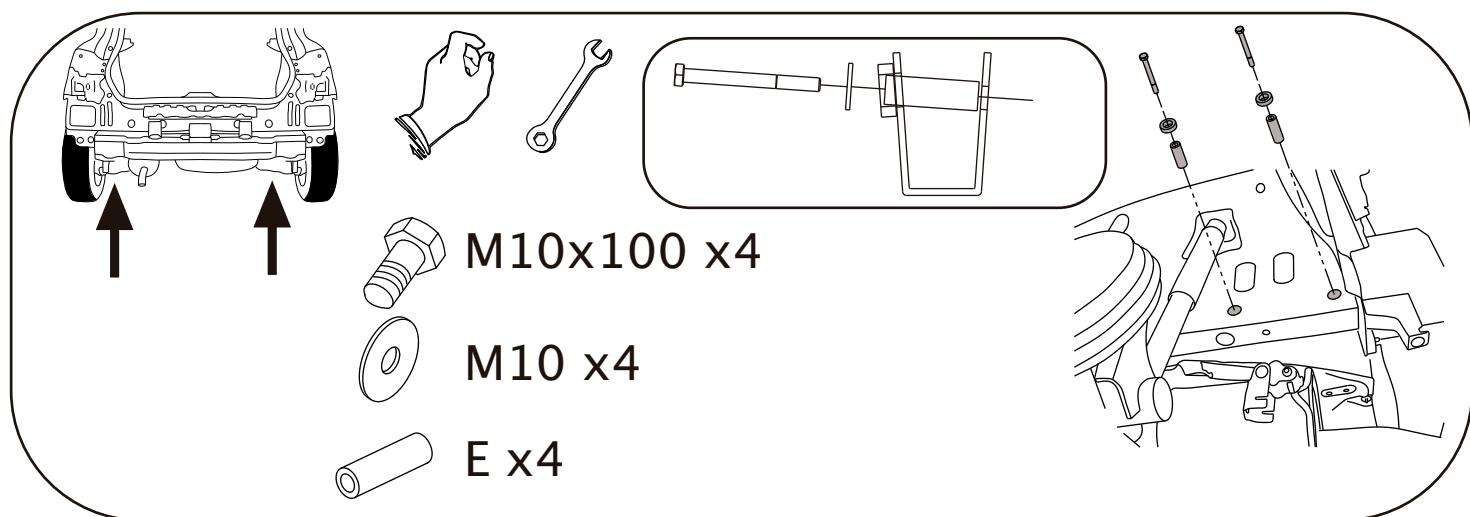
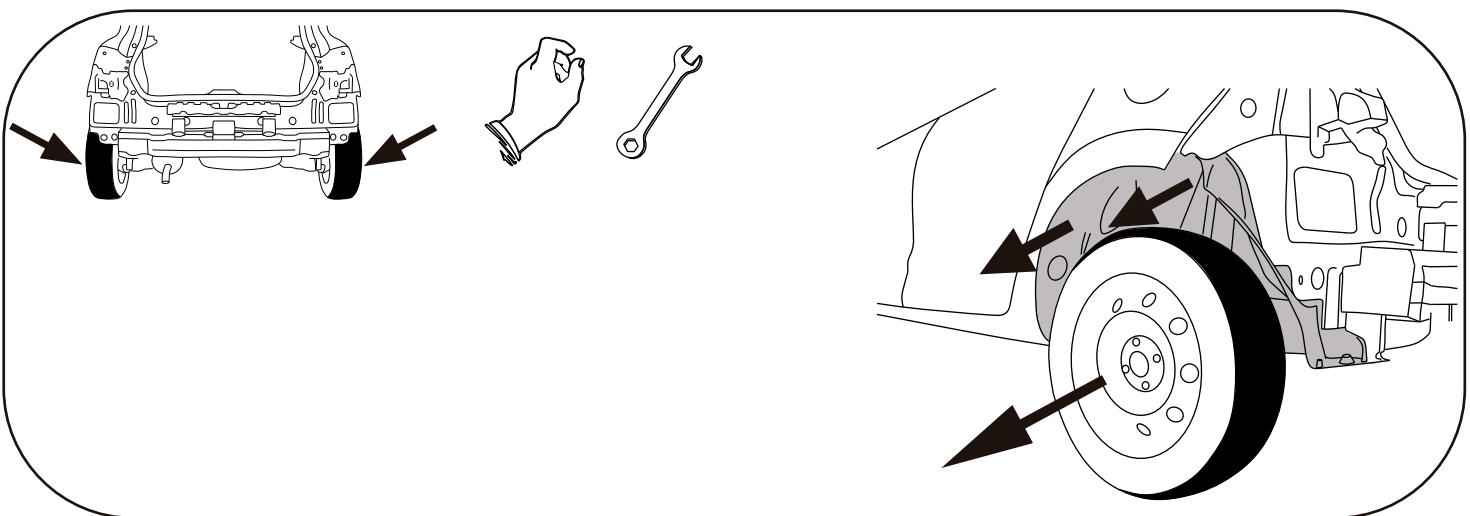
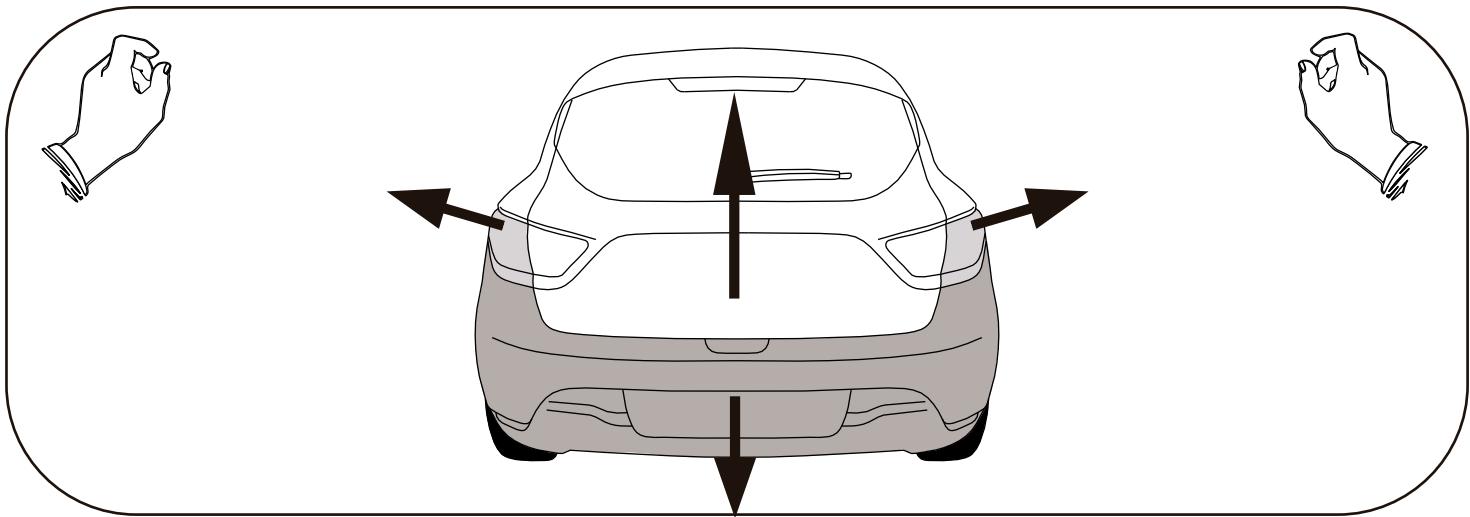
|  |   |    |  |             |   |
|--|---|----|--|-------------|---|
|  | A | x1 |  | M12x70      | 2 |
|  | B | x1 |  | M12         | 6 |
|  | C | x1 |  | M10         | 4 |
|  | D | x1 |  | Ø30xØ10,5x3 | 4 |
|  | E | x4 |  | 13          | 6 |
|  | F | x1 |  | 10,5        | 4 |
|  | G | x1 |  | 12,2        | 6 |
|  |   |    |  | 10,2        | 4 |

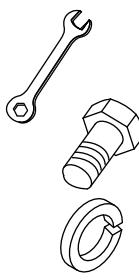
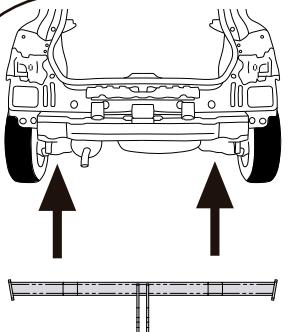


- Odkręcić zderzak i lampy.
- Odkręcić lewe i prawe koło.
- Z prawej i lewej strony zdemontować nadkole.
- Elementy C i D przykręcić do podłużnic śrubami M10x100 8.8 (pkt 2).
- Belkę haka A wsunąć między elementy i przykręcić śrubami M12x35 8.8 (pkt 1).
- Zamontować nadkola i koła.
- Wykonać wycięcie w osi, w dolnej części zderzaka na uchwyty kuli.
- Zamontować zderzak i lampy.
- Dokręcić wszystkie śruby z momentem według tabeli.
- Dokręcić kulę i blachę gniazda elektrycznego.
- Podłączyć instalację elektryczną.

- Unscrew the bumper and lamps.
- Unscrew the wheels: left and right.
- Disassemble the inner wheel arch from the left and right.
- Screw the elements C and D to the frame side members with bolts M10x100 8.8 (point 2).
- Insert the main bar A between the elements and screw with bolts M12x35 8.8 (point 1).
- Assemble the inner wheel arches and wheels.
- Cut out the fragment in the lower part of the bumper, in its axle to place the handles of the towball.
- Assemble the bumper and lamps.
- Tighten all the bolts according to the torque setting- see the table.
- Fix the ball and electric plate.
- Connect the electric wires.

- Dévisser le pare-chocs et les lampes.
- Dévisser la roue gauche et droite.
- Démonter le passage de roue du côté gauche et droite.
- Serrer les éléments C et D aux longerons en utilisant les vis M10x100 8.8 (point 2).
- Mettre la poutre du crochet A entre les éléments et visser à l'aide des boulons M12x35 8.8 (point 1).
- Monter les passages de roue et les roues.
- Faire une encoche dans l'axe, dans la partie inférieure du pare-chocs pour y monter les mandrins de la boule.
- Monter le pare-chocs et les lampes.
- Serrer tous les boulons avec un couple de serrage selon tableau.
- Visser le crochet d'attelage et socle de prise électrique.
- Raccorder le circuit électrique.



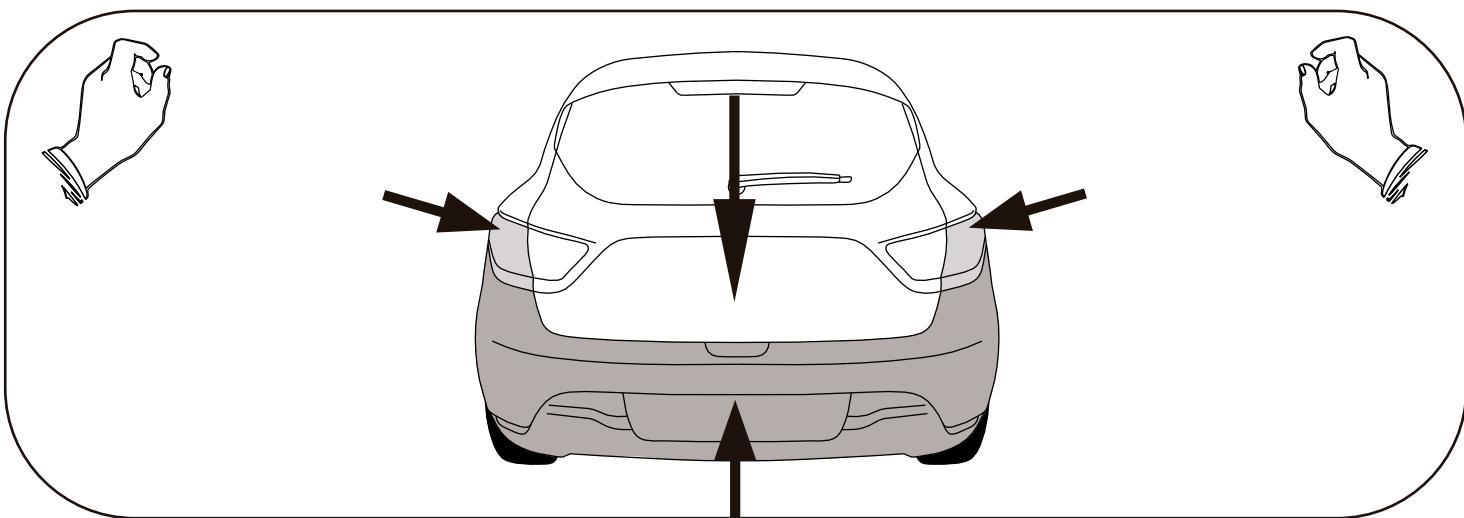
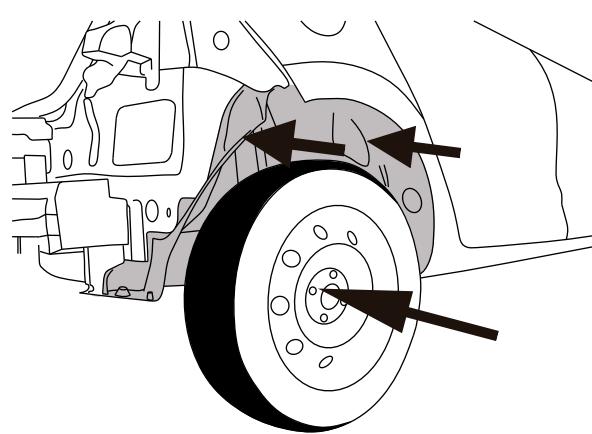
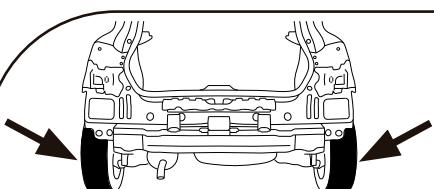
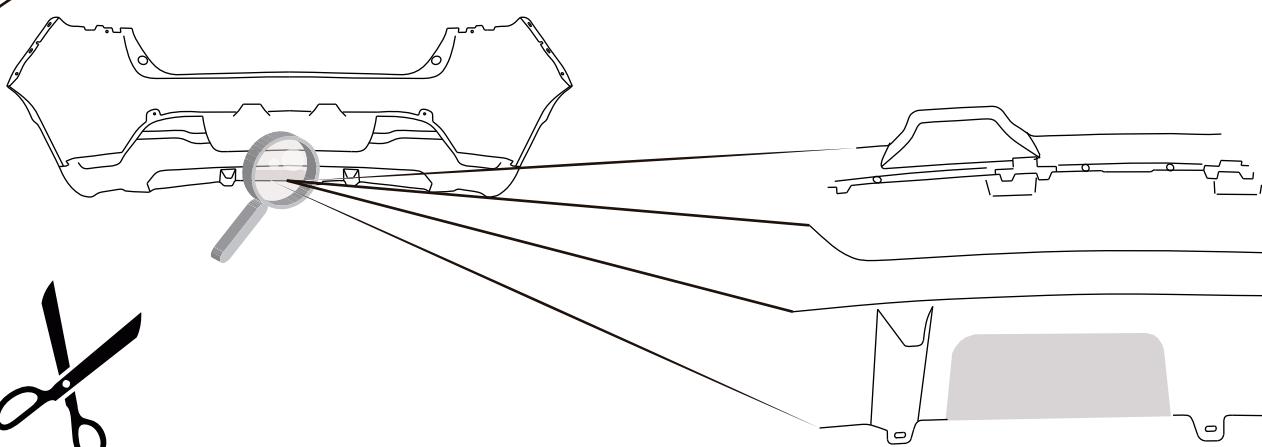
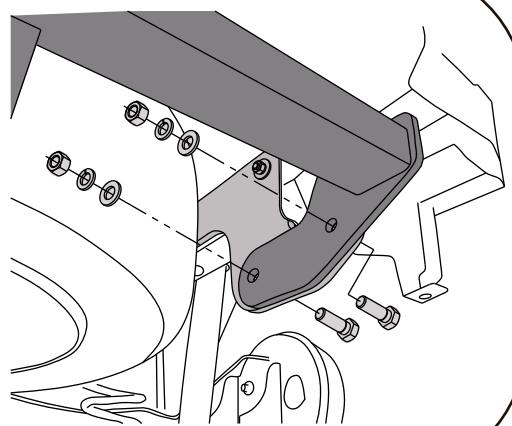


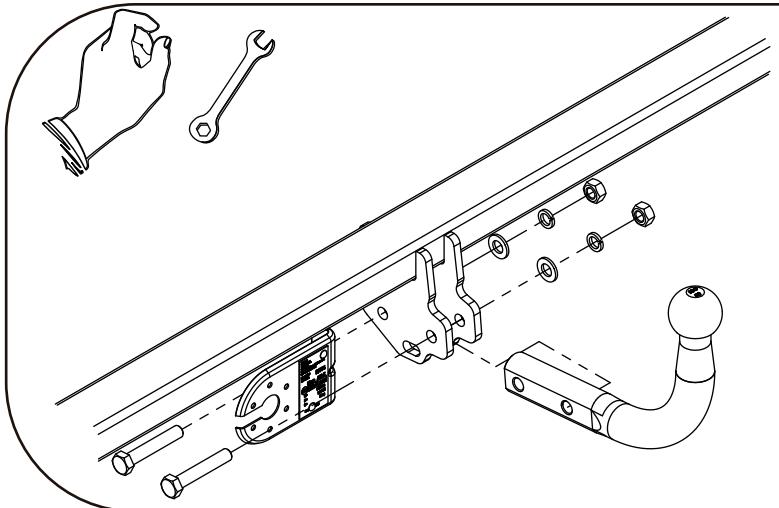
M12x35 x4

M12 x4

M12 x4

M12 x4





-  M12x70 x2
-  M12 x2
-  M12 x2
-  M16 x2