



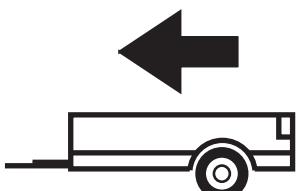
2009 -

# TOYOTA AVENSIS saloon

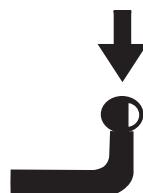
Cat. No. T/036

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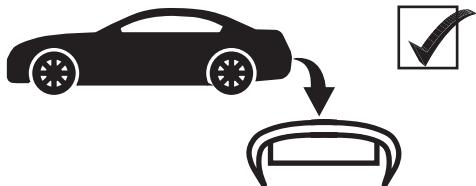
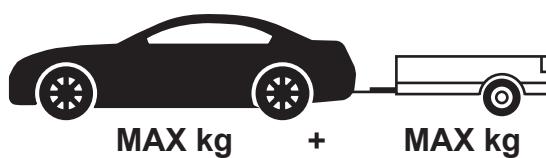
1800Kg



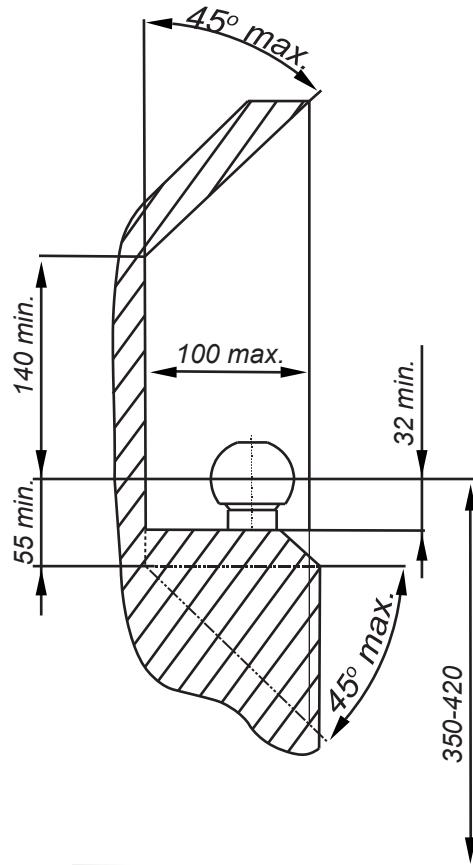
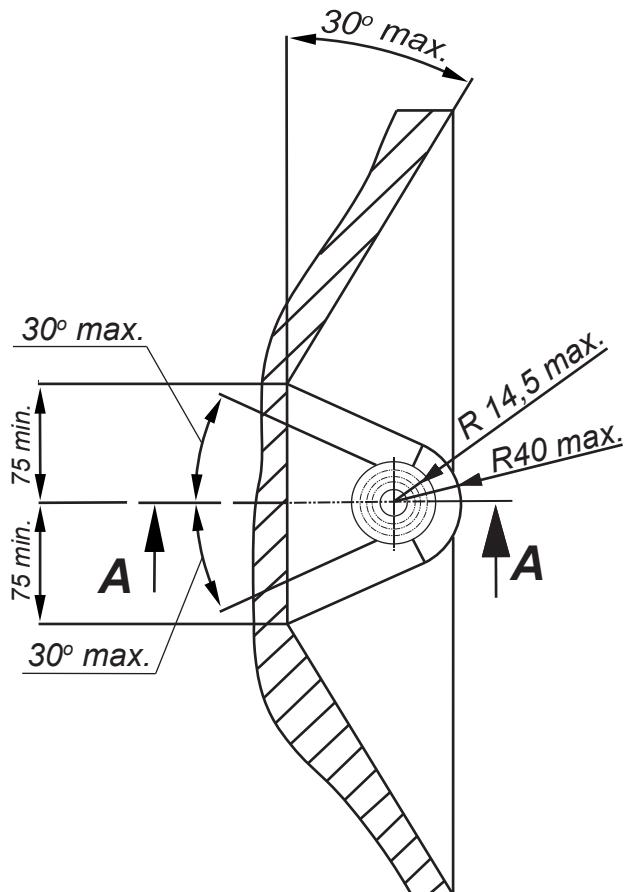
75Kg

**D** = 10,70kN

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



## PRZEKRÓJ A-A



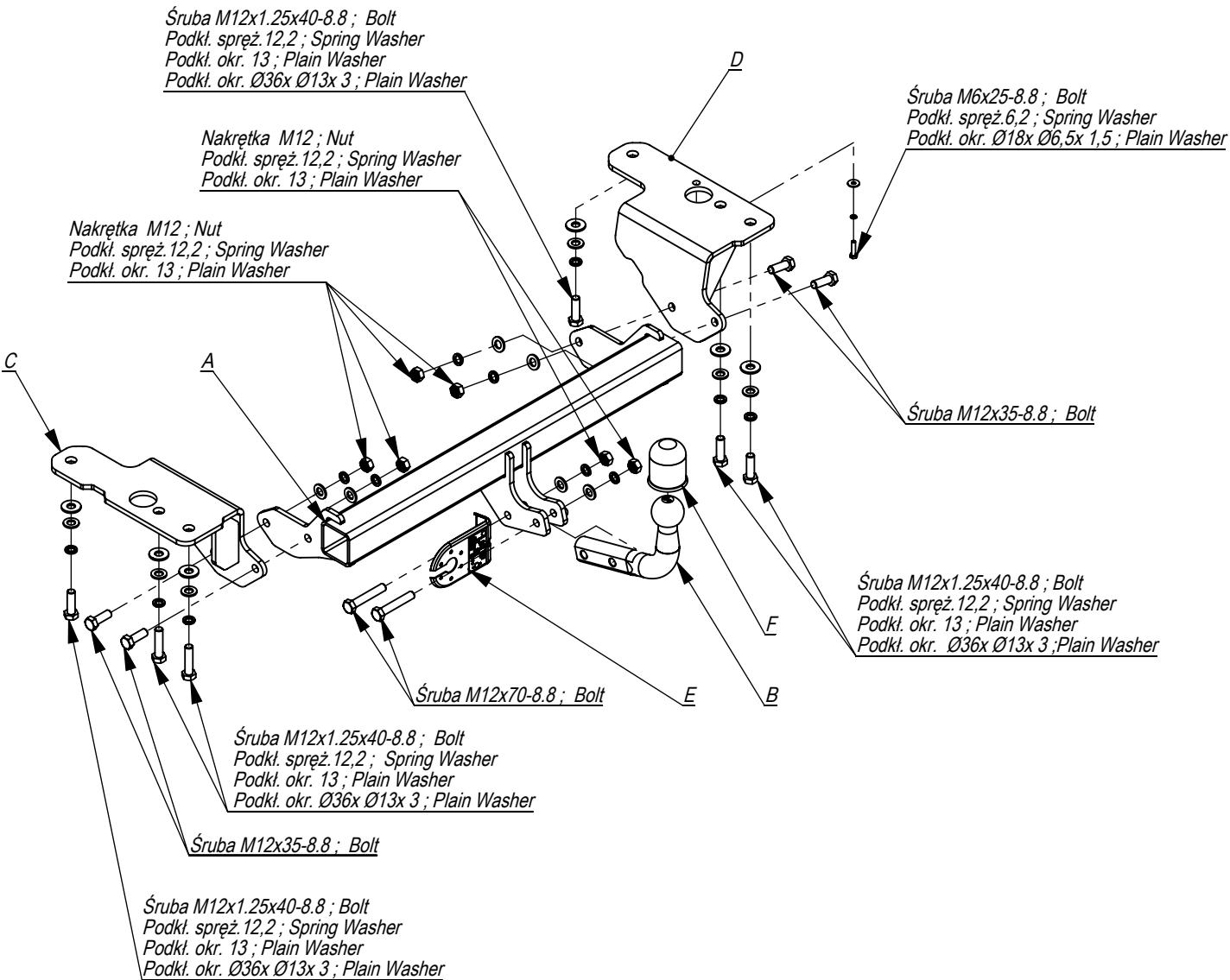
- PL** Należy zagwarantować przestrzeń swobodną według załącznika VII, rysunek 25a/b Regulaminu EKG ONZ 55.01 przy dopuszczalnym ciężarze całkowitym pojazdu.
- GB** The clearance specified in appendix VII, diagram 25a/b of Regulation No. 55.01 UN EU must be guaranteed at laden weight of the vehicle.

- 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 ahleisten bei zulässigem Gesamtgewicht des Fahrzeuges.

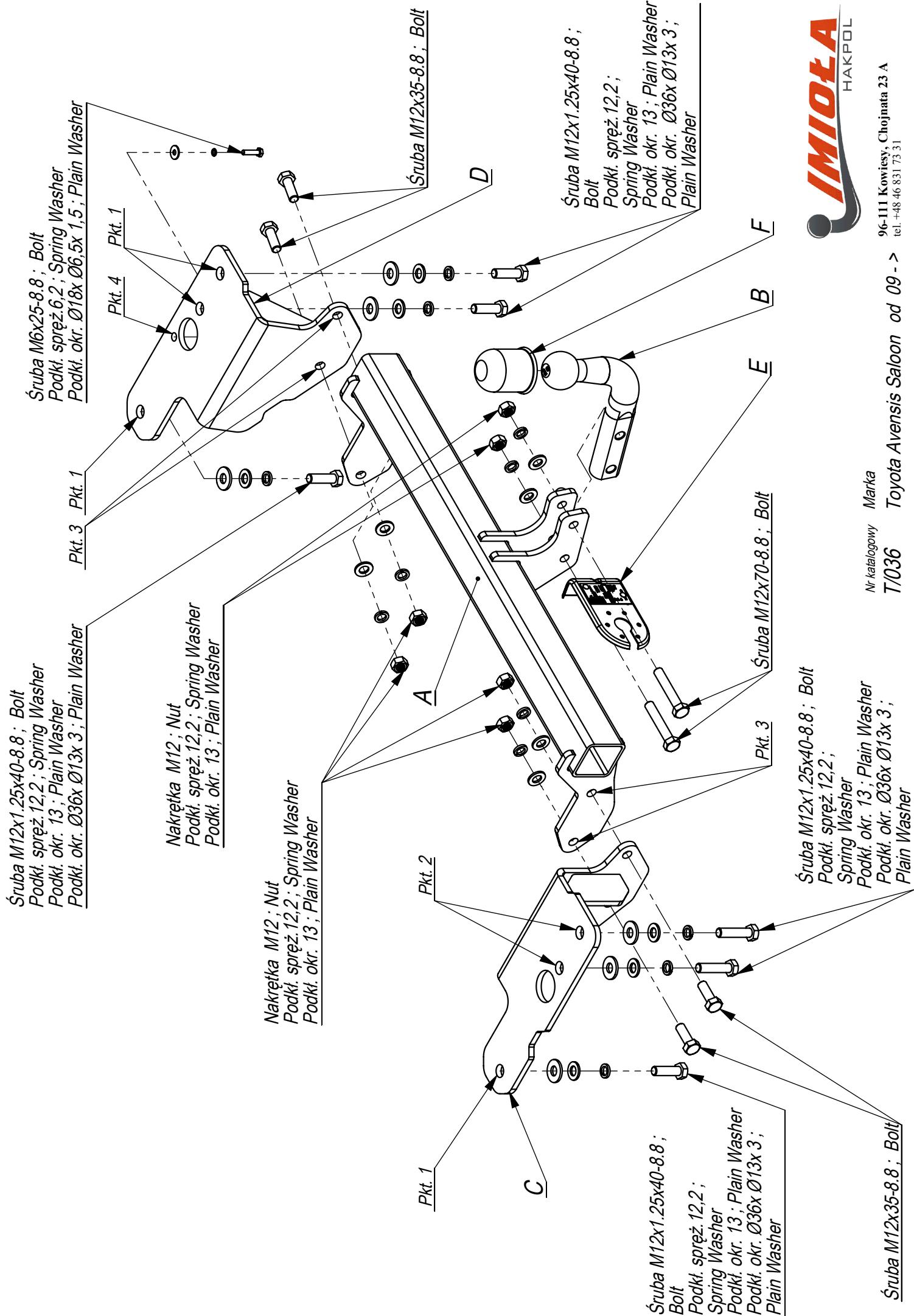
Moment skręcający dla śrub i nakrętek (8.8) Torque settings for nuts and bolts (8.8)	
M8	25Nm
M10	55Nm
M12	85Nm
M14	135Nm
M16	195Nm

Q 0Km

→ Q 1000Km



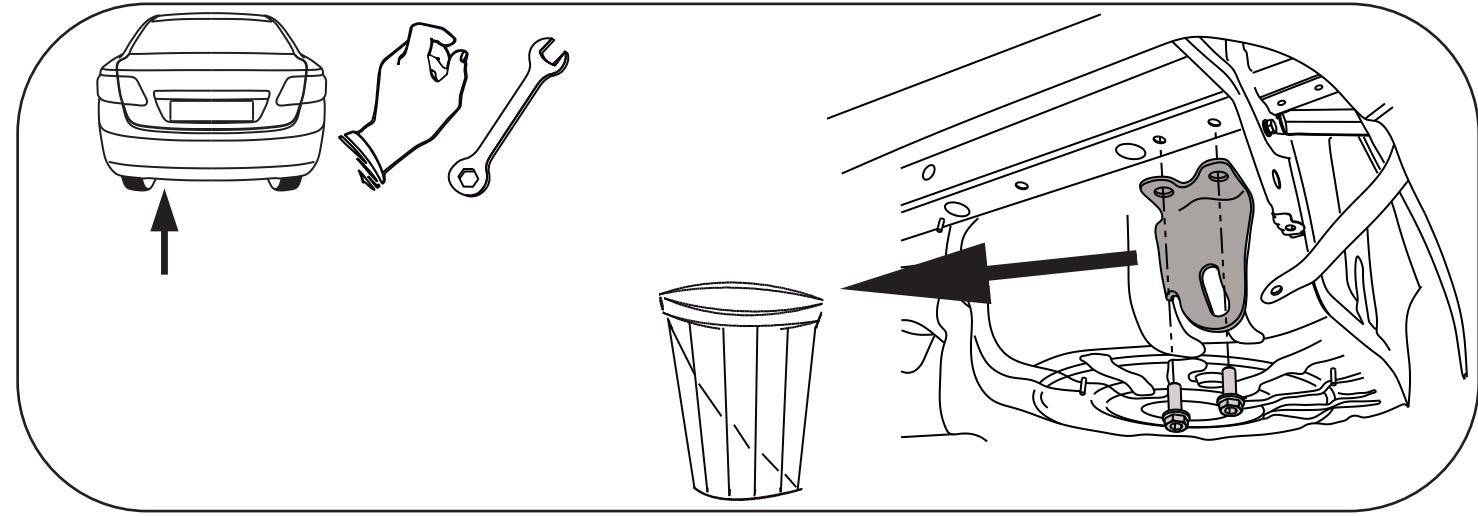
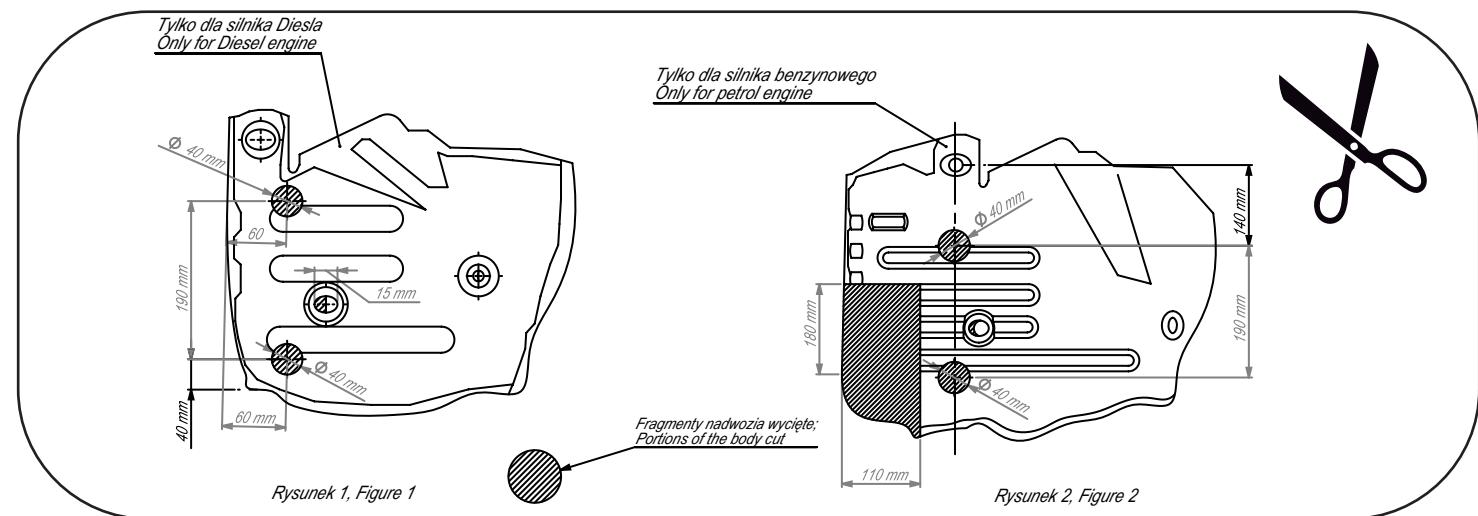
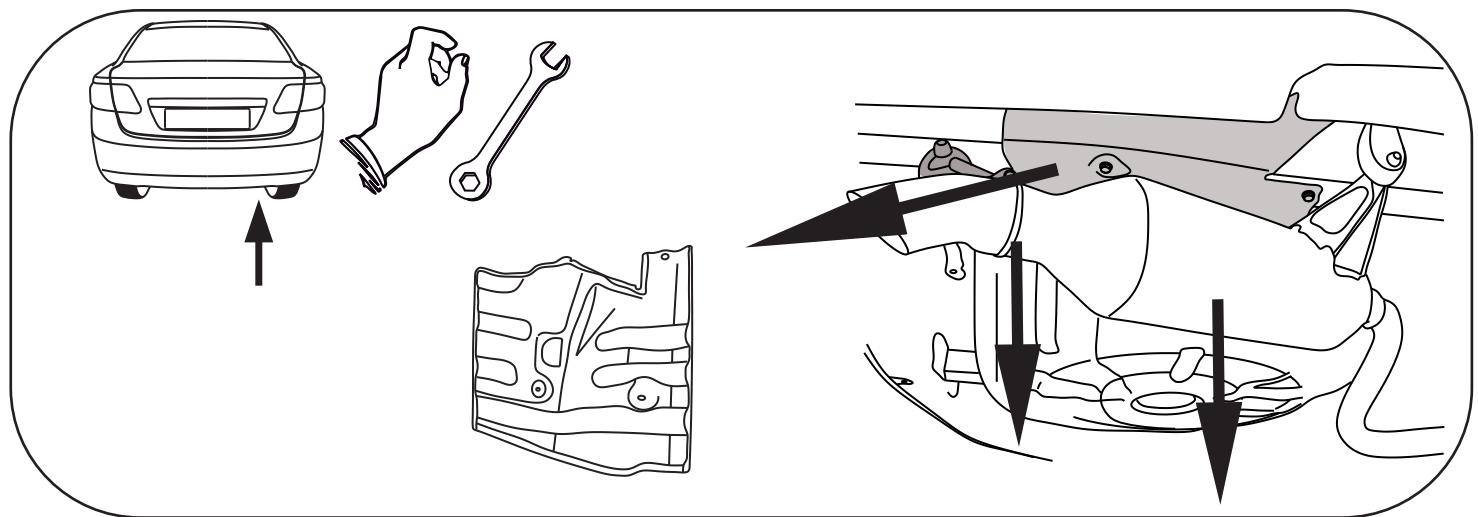
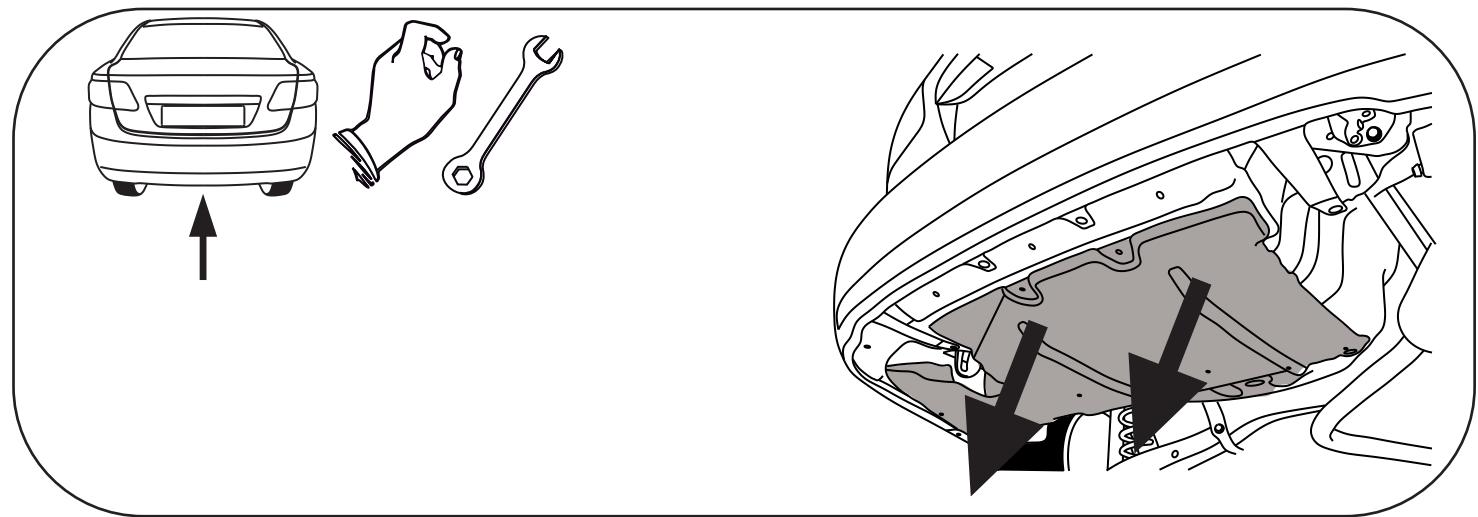
	A	x1		M12x70	2
	B	x1		M12x1,25x40	6
	C	x1		M12x35	4
	D	x1		M6x25	1
	E	x1		Ø36x Ø13x 3	6
	F	x1		Ø18x Ø6,5x 1,5	1
				12,2	12
				6,1	1

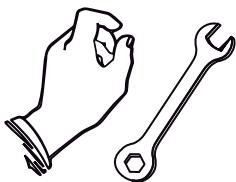
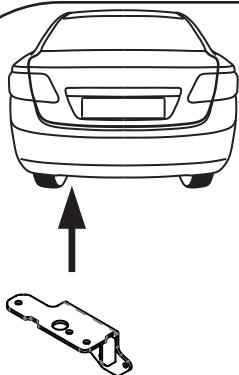


- Odkręcić dolną część zderzaka oraz osłonę wnęki koła zapasowego.
- Zdjąć tłumik z zawiesia.
- Odkręcić ucha holownicze (nie będą już wykorzystane).
- Odkręcić oslonę termiczną tłumika.
- Wykonać otwory w osłonie termicznej wg schematu.
- Przykręcić oslonę termiczną.
- Przykręcić element haka D śrubami M12x1,25x40 (pkt 1).
- Przykręcić element C śrubami M12x1,25x40 (pkt 2).
- Wykonać wycięcie w dolnej części zderzaka wg rys.
- Do elementów C i D przykręcić belkę haka A śrubami M12x35 8.8 (pkt 3).
- Zamontować tłumik.
- Dokręcić wszystkie śruby z momentem według tabeli.
- Przykręcić dolną część zderzaka oraz osłonę koła zapasowego.
- Przykręcić kulę i blachę gniazda elektrycznego.
- Podłączyć instalację elektryczną.

- Unscrew the lower part of the bumper and the shield of the spare wheel bay.
- Take off the damper from the hanger.
- Unscrew the towing eyes (they will not be used any more).
- Unscrew the thermal shield of the damper.
- Drill the holes in the thermal shield according to the drawing.
- Screw the thermal shield.
- Screw the elements D with bolts M12x1,25x40 8.8 (point 1).
- Screw the element C with bolts M12x1,25x40 8.8 (point 2).
- Cut out the fragment in the lower part of the bumper according to the drawing.
- Screw the main bar A to the elements C and D with bolts M12x35 8.8 (point 3).
- Assemble the damper.
- Tighten all the bolts according to the torque setting- see the table.
- Screw the lower part of the bumper and shield of the spare wheel bay
- Fix the ball and electric plate.
- Connect the electric wires.

- Dévisser la partie inférieure des pare-chocs ainsi que la protection de la roue de secours.
- Démonter le silencieux du cintre.
- Dévisser les anneaux d'attelage (ils ne seront plus utilisés).
- Dévisser la protection thermique du silencieux.
- Percer les trous dans la protection thermique selon le schéma.
- Visser la protection thermique.
- Visser l'élément D avec les boulons M12x1,25x40 (point 1).
- Visser l'élément C avec les boulons M12x1,25x40 (point 2).
- Dans la partie inférieure du pare-chocs, couper un fragment selon le schéma.
- Serrer la poutre du crochet d'attelage avec les éléments C et D à l'aide des boulons M12x35 8.8 (point 3).
- Monter le silencieux.
- Serrer tous les boulons avec un couple de serrage selon le tableau.
- Visser la partie inférieure des pare-chocs ainsi que la protection de la roue de secours.
- Visser le crochet d'attelage et socle de prise électrique.
- Raccorder le circuit électrique.





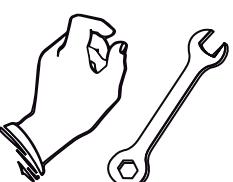
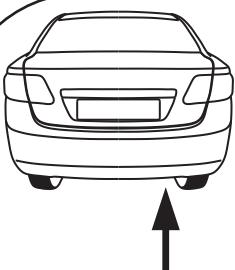
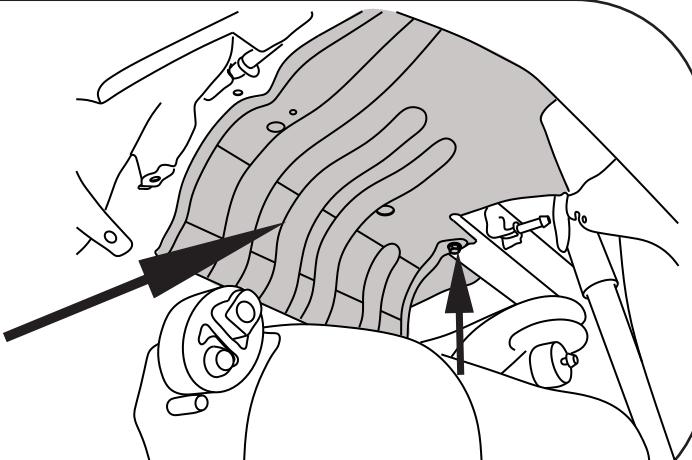
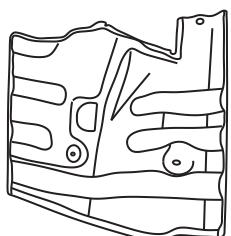
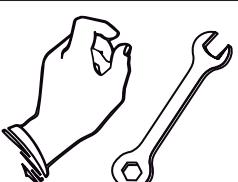
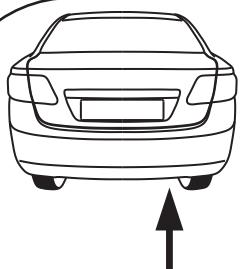
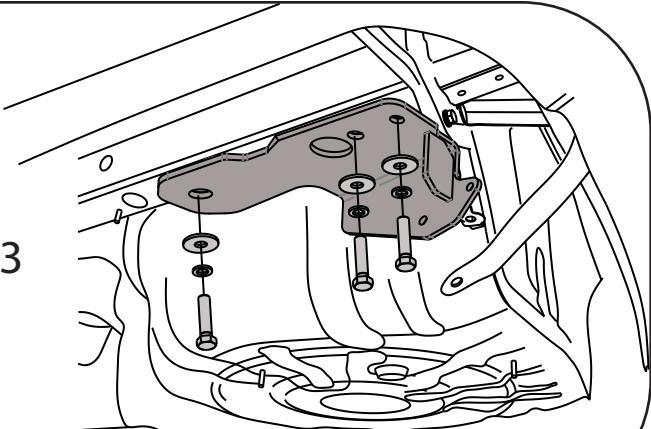
M12x1.25x40 x3



12,2 x3



Ø36xØ13x3 x3



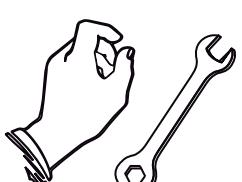
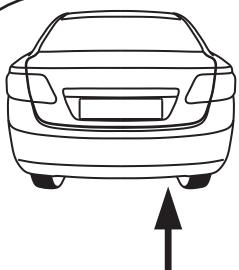
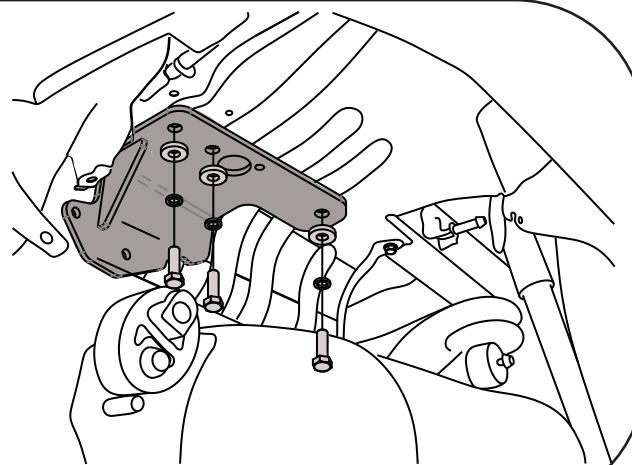
M12x1.25x40 x3



12,2 x3



Ø36xØ13x3 x3



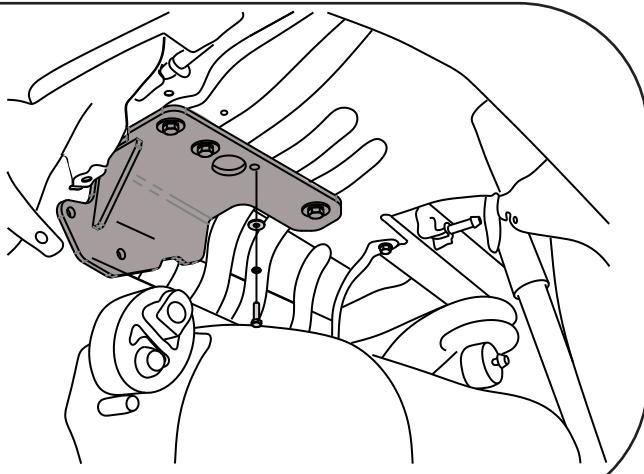
M6x25 x1

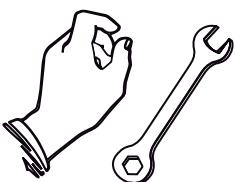
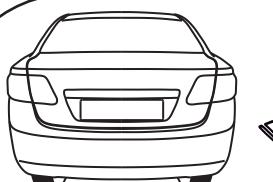


6,2 x1

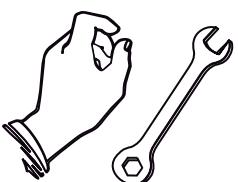
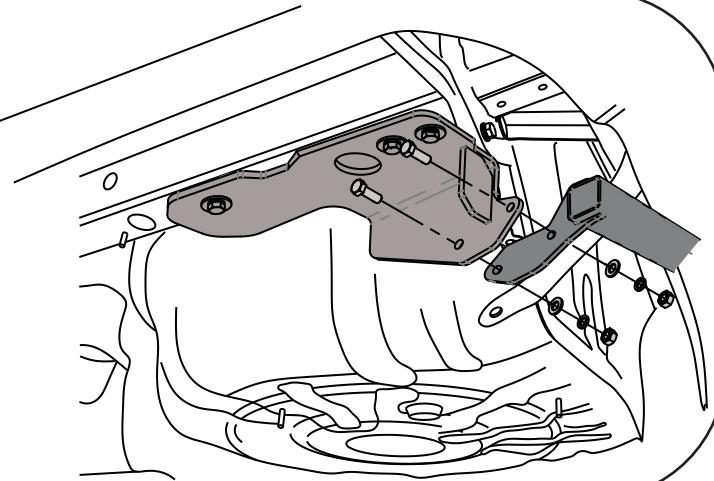


Ø18xØ6,5x1,5 x1

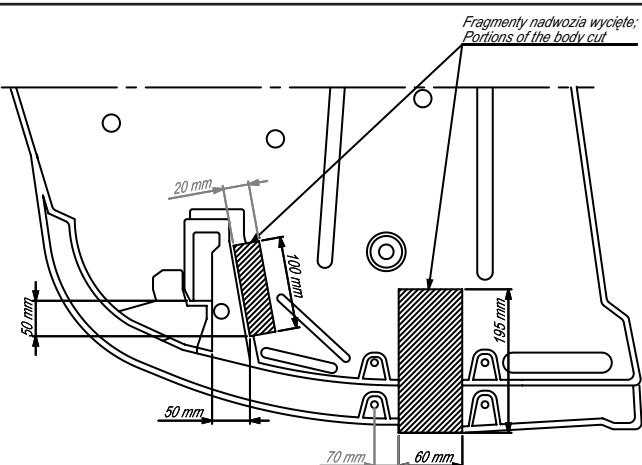
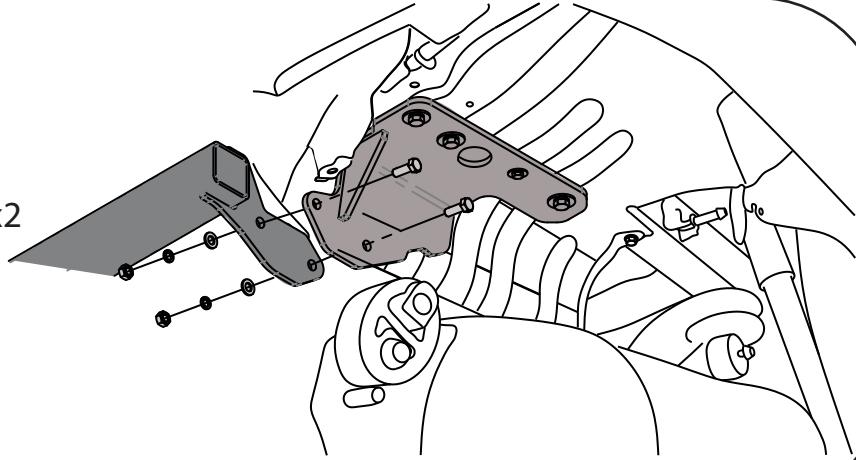




- M12x35 x2
- 12,2 x2
- 13 x2
- M12 x2



- M12x35 x2
- 12,2 x2
- 13 x2
- M12 x2



Rysunek 3, Figure 3

