

# PPUH AUTO-HAK Sp.J.

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# AUTO-HAK



OPEL ASTRA 4d (J)

Cat. no:

**E60A**



08.2012 →



E20-55R-01 4628



9,6 kN



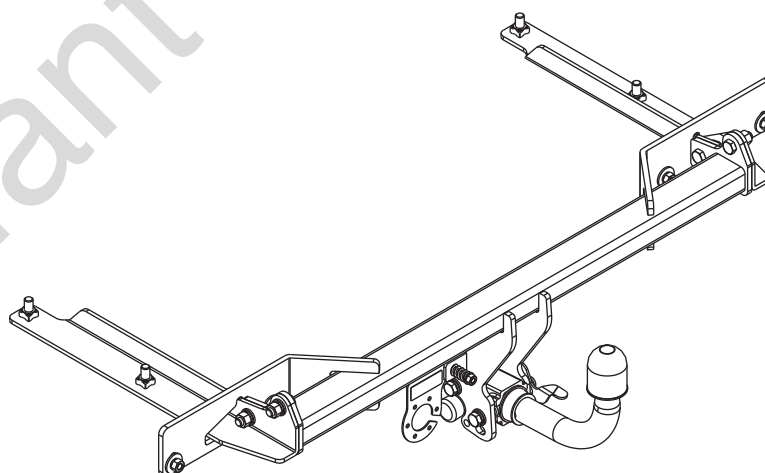
R=1800 kg



S=75 kg



2h



M6 - 8,5 Nm  
M10 - 41 Nm  
M14 - 112 Nm

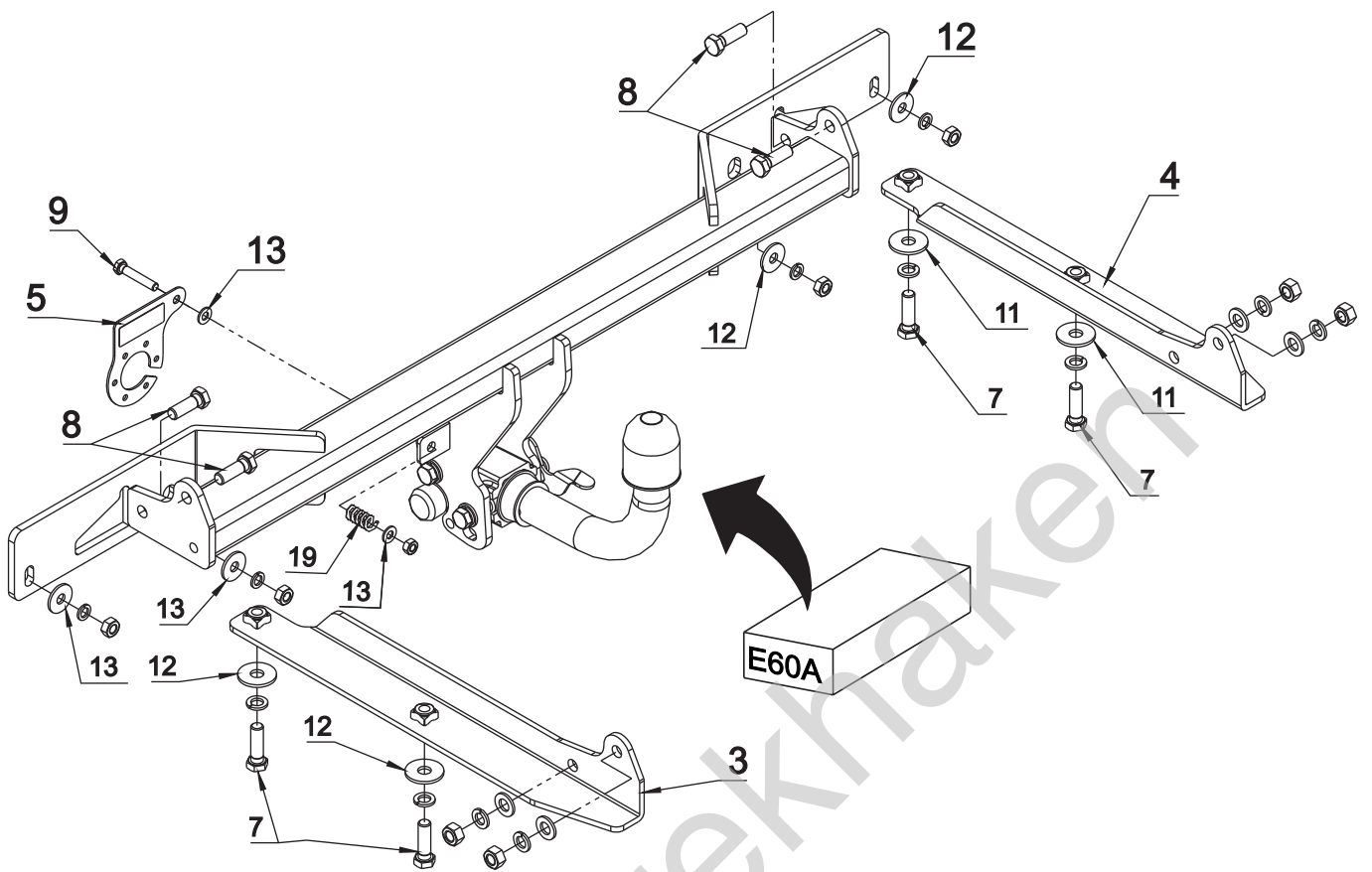
M8 - 20 Nm  
M12 - 70 Nm  
M16 - 170 Nm

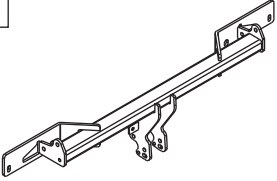

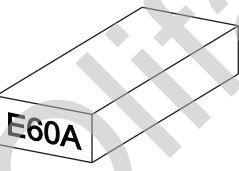



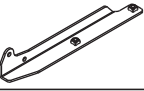








0 km →

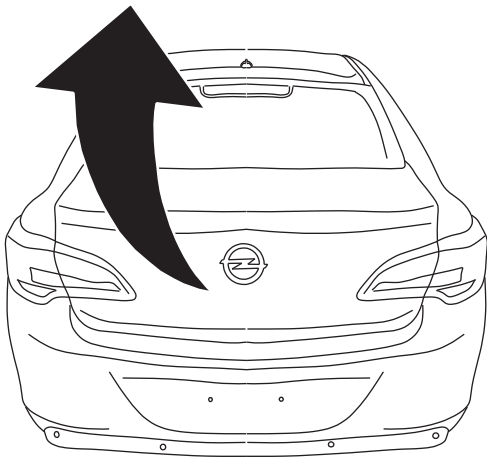


1000 km

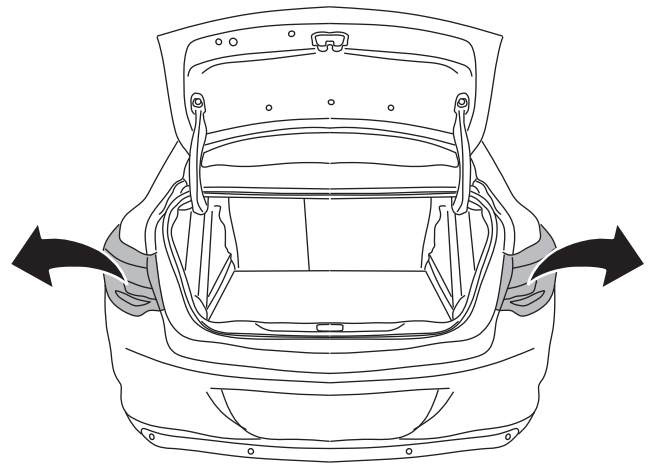


1		x1		7	M12x40	x4
2		x1		8	M12x35	x4
				9	M8x45	x1
3		x1		10	∅ 13	x4
				11	∅ 37x∅13x3 13 (DIN 9021)	x6
				12	∅ 30x∅10.5x2.5 10 (DIN 9021)	x6
4		x1		13	∅ 8.2	x2
				14	∅ 12.2	x8
5		x1		15	∅ 10.2	x4
				16	M12	x4
6		x1		17	M10	x4
				18	M8	x1
				19		x1

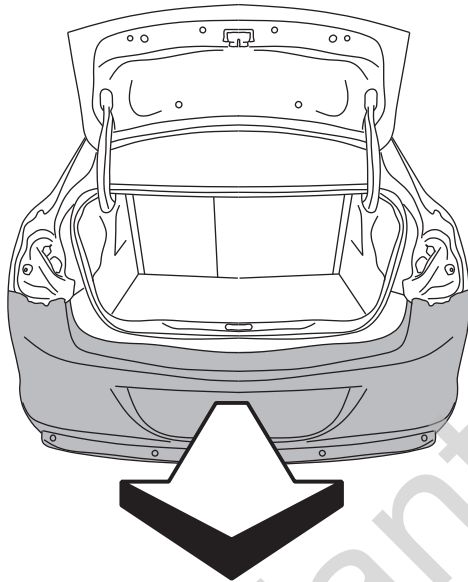
01



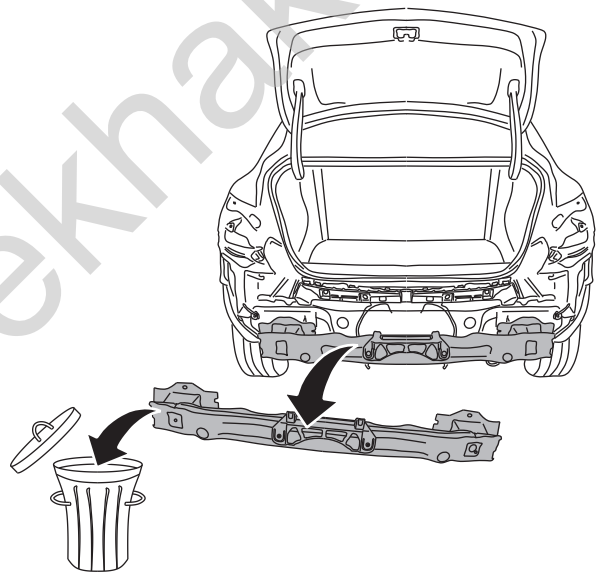
02



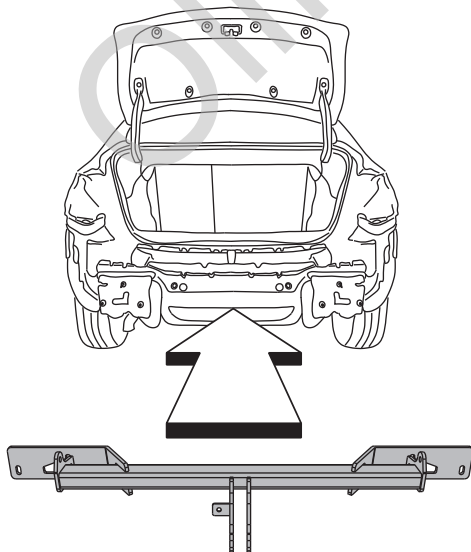
03



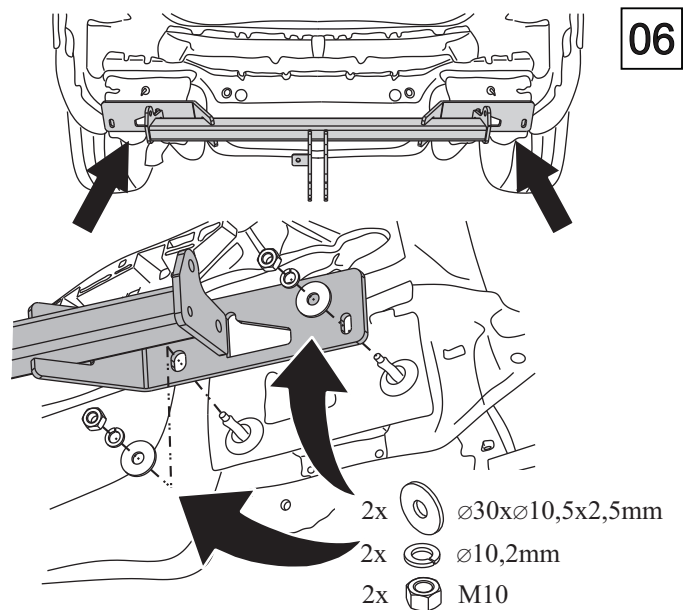
04



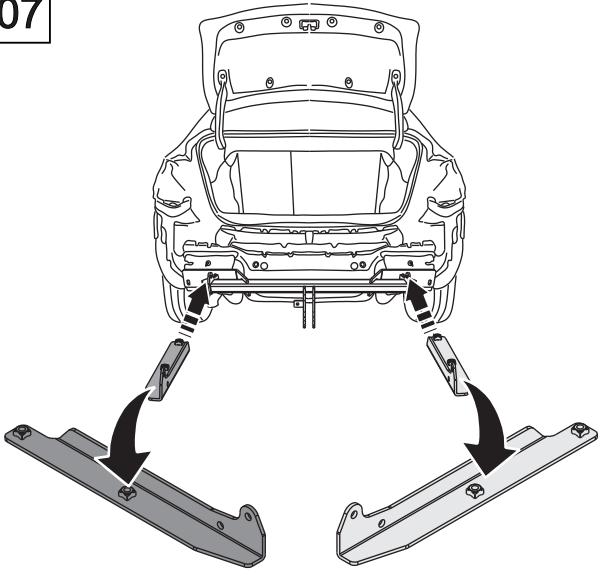
05



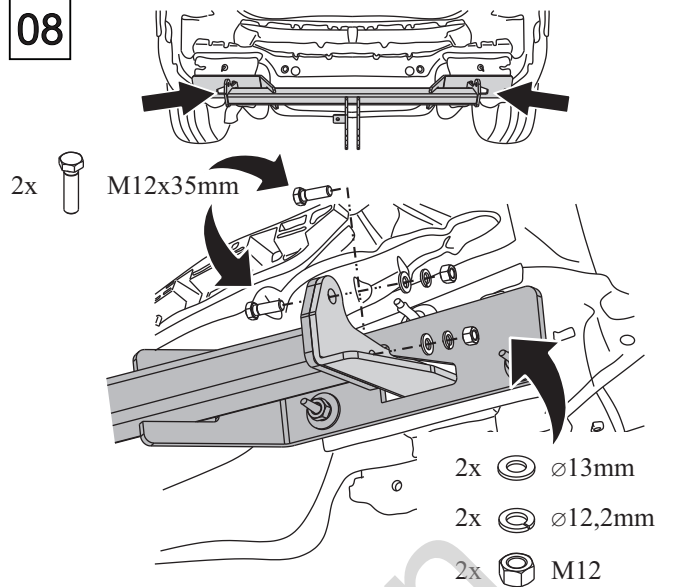
06



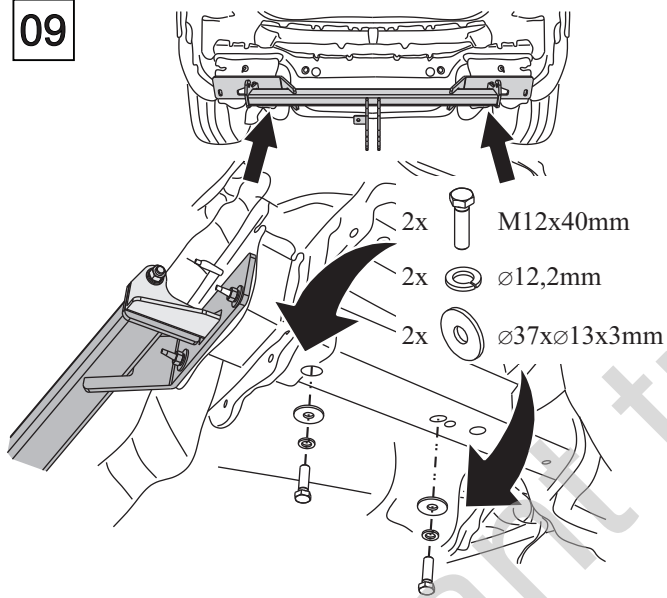
07



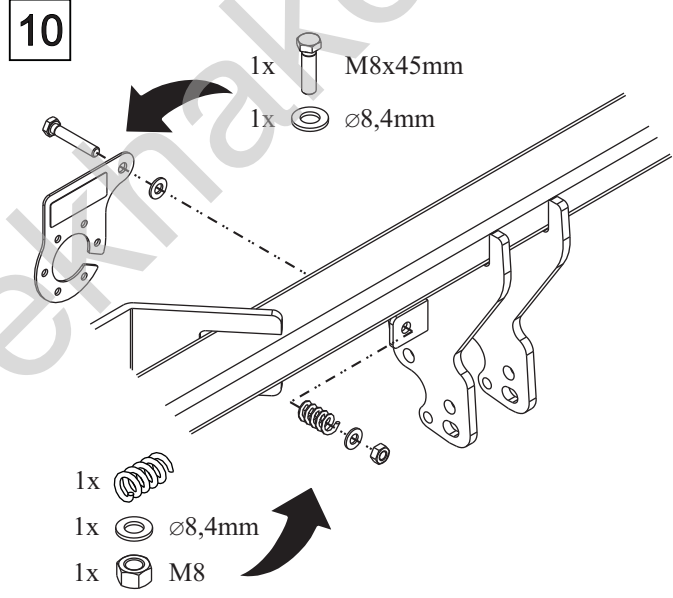
08



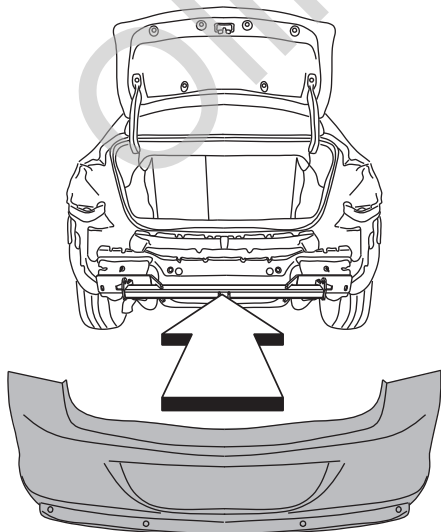
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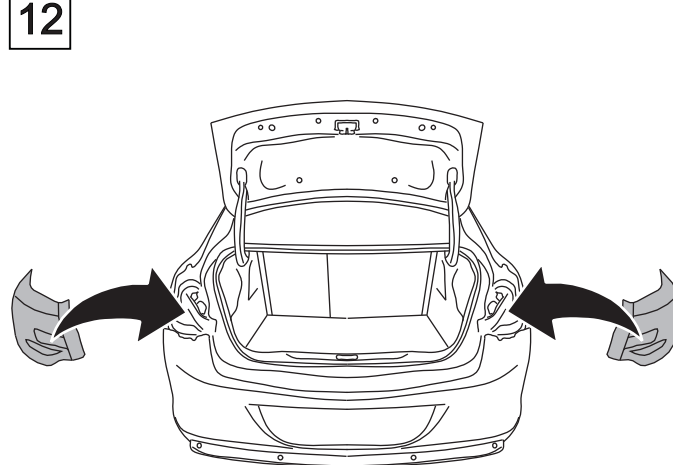
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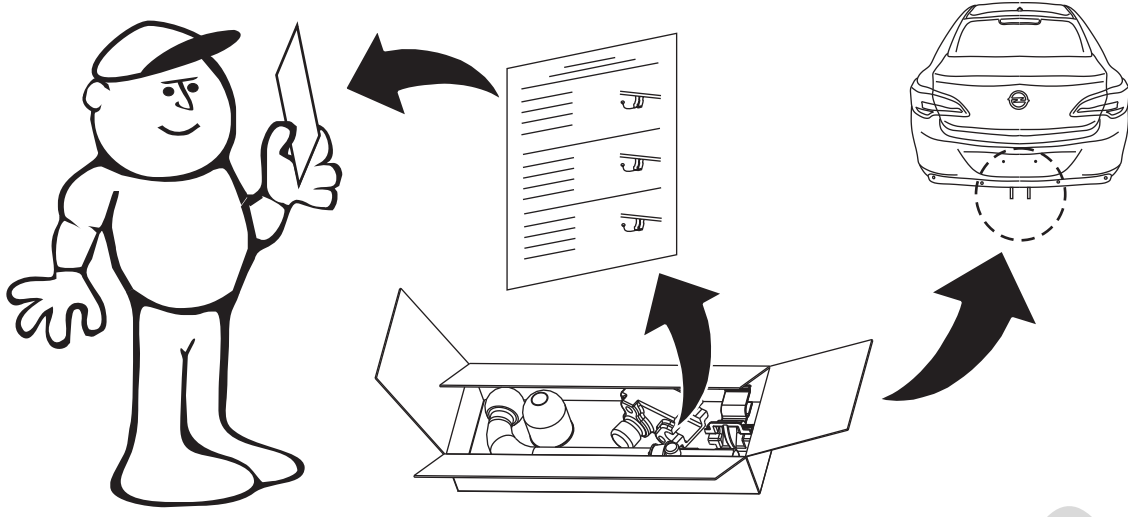


11



12





- M6 - 11 Nm
- M10 - 50 Nm
- M14 - 138 Nm

- M8 - 25 Nm
- M12 - 87 Nm
- M16 - 210 Nm



→



Olifant treknøkkene