

**Model 164**  
with code 494 (US version)















Shown on model 164.1

3 Trailer hitch



P31.10-2844-06

✕	Remove		
1 ✕ AR	Remove trim from spare tire well	MODEL 164 MODEL 164 (except 164.195)	AR68.30-P-4620GZ
2 ✕ AR ✕ AR	Remove lining on the right-hand side of the trunk	MODEL 164 as of 01.12.06 Only when installing trailer brake preinstallation. MODEL 164.1 MODEL 164.8	AR68.30-P-4800GZ AR68.30-P-4800RT
3	Fold down rear seats and remove covers	MODEL 164 as of 01.12.06 Only when installing trailer brake preinstallation.	
4 ✕ AR	Remove B-pillar trim at bottom left	MODEL 164 as of 01.12.06 Only when installing trailer brake preinstallation.	AR68.30-P-4700GZ
5 ✕ AR	Remove cover below left of instrument panel	MODEL 164 as of 01.12.06 Only when installing trailer brake preinstallation.	AR68.10-P-1500GZ
6 ✕ AR	Remove left front floor covering and intermediate bottom	MODEL 164 as of 01.12.06 Only when installing trailer brake preinstallation.	AR68.20-P-2050GZ
7.1 ✕ AR	Detach rear SAM control unit with connected lines from bracket	MODEL 164 with CODE 848 (Power side vent windows)	AR54.21-P-1269GZ
7.2 ✕ AR	Remove rear SAM control unit and replace with unit compatible with trailer hitch	MODEL 164 except CODE 848 (Power side vent windows)  <b>i</b> The rear SAM control unit is no longer required. Fasten the rear SAM control unit only after installation of all the wiring harnesses onto the trailer hitch.	AR54.21-P-1269GZ
8 ✕ AR	Remove crossmember under rear bumper	  <b>i</b> The crossmember under the rear bumper is no longer required.	AR88.20-P-2250GZ

9	Remove electric fan	Model 164 with engine 642	
		 The electric fan is no longer required.	AR20.40-P-5000GZB
	<b>Modify</b>		
10	Add bumper cutout		AN31.11-P-8080-02GZ
	<b>Install</b>		
11	Retrofit mechanical detachable parts	 Screw/bolt, reinforcement arm to vehicle floor  Bolt/nut, trailer hitch/reinforcement plate to rear center section  Screw/bolt, trailer hitch to reinforcement arm	AN31.11-P-8080-05GZ *BA31.11-P-1001-01G *BA31.11-P-1002-01G *BA31.11-P-1004-01G
12	Connect wiring harness	MODEL 164.1 up to model year 2009 MODEL 164.8 MODEL 164.1 as of model year 2010	AN31.19-P-8080-03GZA AN31.19-P-8080-03GZB
13	Retrofit wiring harness for trailer brake	MODEL 164 as of 01.12.06 Only when installing trailer brake preinstallation.	AN31.19-P-8080-06GZ
14	Install new electric fan that is compatible with the trailer hitch	Model 164 with engine 642	AR20.40-P-5000GZB
			
15	Install bracket for rear SAM control unit	MODEL 164.1 up to 30.06.09 MODEL 164.8  Route trailer hitch wiring harness under the bracket.	
16	Fasten rear SAM control unit into place		AR54.21-P-1269GZ
			
17	Position impact absorber onto cross member of trailer hitch (3)		
18	Replace underride guard	MODEL 164 with CODE P94 (Appearance package), MODEL 164 with CODE P96 (Exterior Sports package)	
19	Install remaining parts		
	<b>Update Vehicle Documentation (VeDoc)</b>		
20	Enter special equipment into online vehicle data card	 Code 550 (Trailer hitch)	
21	Attach "Trailer hitch retrofitted as per AN31.10-P-8080GZU" under field organization text for design group 31 and design group 88.		
22	Attach note "Trailer hitch retrofitted as per AN31.10-P-8080GZU" under field organization texts for design group 50.	Model 164 with engine 642	
23	Attach note "Trailer hitch retrofitted as per AN31.10-P-8080GZU" under field organization texts for design group 54.	MODEL 164 except CODE 848 (Power side vent windows)	
24	Connect diagnostic system and select vehicle using vehicle identification number (VIN)		AD00.00-P-2000-04A
			
25	Carry out variant coding using software calibration number (SCN)	 "Rear SAM control unit" "CGW control unit" Set the coding in the menu "Detect trailer" from "NOT AVAILABLE" to "AVAILABLE".	
26	Disconnect diagnostic system		AD00.00-P-2000-04A
			
	<b>Check</b>		
27	Perform function test of ball neck and light signals on trailer hitch socket		AN31.10-P-0008-01A

 Trailer coupling mechanism

Number	Designation		Model 164.1/8 ORIS trailer hitch (standard)	Model 164.1/8 WESTFALIA trailer hitch (accessories)
BA31.11-P-1001-01G	Screw/bolt, reinforcement arm to vehicle floor	Nm	66	55

 Trailer coupling mechanism

Number	Designation		Model 164.1/8 ORIS trailer hitch (standard)	Model 164.1/8 WESTFALIA trailer hitch (accessories)
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BA31.11-P-1002-01G	Bolt/nut, trailer hitch/reinforcement plate to rear center section	Nm	66	55
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**Nm** Trailer coupling mechanism

Number	Designation		Model 164.1/8 ORIS trailer hitch (standard)	Model 164.1/8 WESTFALIA trailer hitch (accessories)
BA31.11-P-1004-01G	Screw/bolt, trailer hitch to reinforcement arm	Nm	120	95

**Parts ordering note**

Part no.	Designation	Quantity
KG 99 (siehe EPC)	Trailer hitch parts kit	1
KG 99 (siehe EPC)	Trailer brake wiring harness	1