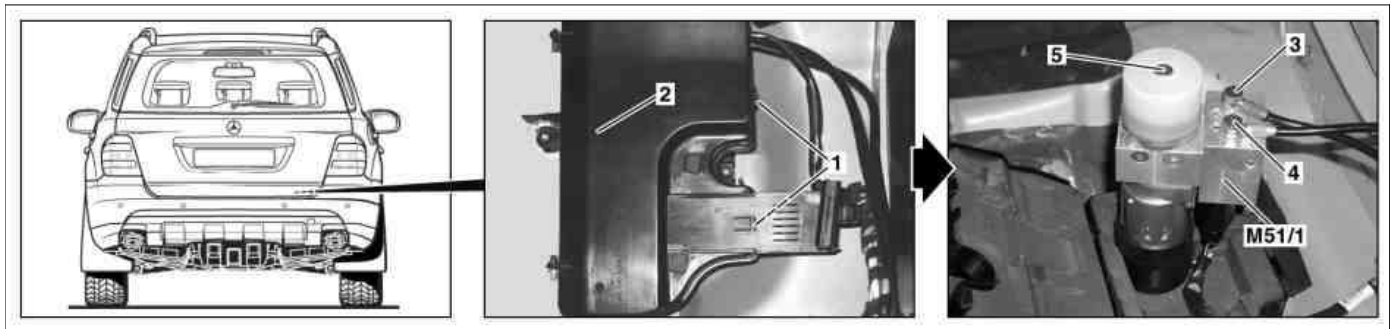


## MODEL 164, 251 with CODE (890) Automatic rear-end door



P72.20-2761-07

## Shown on model 164.1

- |   |                                   |       |                              |
|---|-----------------------------------|-------|------------------------------|
| 1 | Clips                             | 5     | Bolt, hydraulic reservoir    |
| 2 | Hydraulic pump housing            | M51/1 | Rear-end door hydraulic pump |
| 3 | Bolt, hydraulic hose, piston side |       |                              |
| 4 | Bolt, hydraulic hose, rod side    |       |                              |



P72.20-2762-07

## Illustrated on model 251

- |   |                                   |       |                              |
|---|-----------------------------------|-------|------------------------------|
| 2 | Hydraulic pump housing            | 5     | Bolt, hydraulic reservoir    |
| 3 | Bolt, hydraulic hose, piston side | M51/1 | Rear-end door hydraulic pump |
| 4 | Bolt, hydraulic hose, rod side    |       |                              |

## Modification notes

21.10.09	"Model series table" added	Steps 11 and 14	<a href="#">*BR00.45-Z-1091-06A</a>
4.1.10	Observe marking at top and bottom edge of reservoir	Steps 10 and 13	

	Remove/install		
<b>⚠ Danger!</b>	<b>Risk of injury</b> caused by <b>fingers being pinched or crushed</b> when removing, installing or aligning hoods, doors, trunk lids, liftgates or sliding roof	Keep body parts and limbs well clear of moving parts.	<a href="#">AS00.00-Z-0011-01A</a>
<b>⚠ Danger!</b>	<b>Risk of injury</b> to skin or eyes caused by hydraulic fluid spraying out under high pressure. <b>Risk of poisoning</b> caused by swallowing hydraulic fluid	Depressurize the hydraulic system completely before starting any work on the system. Wear protective clothing and safety glasses.	<a href="#">AS00.00-Z-0013-01A</a>
1	Open rear-end door and support	Support	<a href="#">*170589046300</a>
2.1	Remove spare tire and paneling for spare tire well	Model 164 with spare wheel. Model 251 with spare wheel, only <b>left</b> paneling.	<a href="#">AR68.30-P-4620GZ</a> <a href="#">AR68.30-P-4620RT</a>
2.2	Remove stowage compartment and paneling below load compartment floor	Model 164 with TIREFIT.	
2.3	Fold over side wall paneling in load compartment floor	<b>Left</b> , in model 251 with TIREFIT.	
3	Remove foam insert on rear-end door hydraulic pump (M51/1)	On model 164.8	
4	Unclip rear-end door closing control unit and lay down to side	On model 164. Do not disconnect electrically.	<a href="#">AR72.20-P-7551GZ</a>
5	Detach clips (1, arrows) and open hydraulic pump housing (2)		

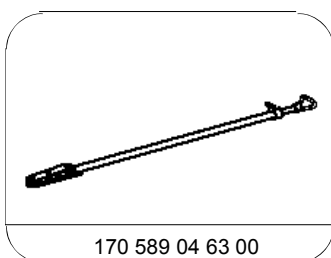
6	Remove rear-end door hydraulic pump (M51/1) from housing and position upright	<b>i</b> To ensure that the hydraulic fluid cannot run out of the hydraulic hoses when removing.	
7	Unscrew bolt from hydraulic oil reservoir (5) and screw in again	<b>i</b> Pressure escapes audibly. To bleed and minimize oil leakage.	
8	Unscrew bolts on hydraulic hoses (3, 4)	<b>i</b> Note position of hydraulic hoses. <b>i</b> <b>Installation:</b> Replace bolts and shims. The thicker shims must be installed between the rear-end door hydraulic pump (M51/1) and the hydraulic hoses. <b>Nm</b> Model 164 <b>Nm</b> Model 251	*BA72.20-P-1009-02J *BA72.20-P-1005-02K
9	Install in the reverse order		
10	Check hydraulic oil level	<b>i</b> <b>Up to model year 2008:</b> Perform test in installation position. Observe marking (cross) at bottom edge of reservoir. <b>As of model year 2009:</b> Perform test in upright position. Observe marking (circle) at top edge of reservoir.	
11	Correct hydraulic fluid level.	<b>i</b> Only if oil level too low or too high. <b>i</b> Position rear-end door hydraulic pump (M51/1) vertically. <b>i</b> Bolt on hydraulic oil reservoir (5) is the filling screw.	*BR00.45-Z-1091-06A See tool below
12	Check for proper function three times	<b>i</b> Check pinch protection function to prevent personal injury.	
13	Check hydraulic oil level	<b>i</b> <b>Up to model year 2008:</b> Perform test in installation position. Observe marking (cross) at bottom edge of reservoir. <b>As of model year 2009:</b> Perform test in upright position. Observe marking (circle) at top edge of reservoir.	
14	Correct hydraulic fluid level.	<b>i</b> Only if oil level too low or too high. <b>i</b> Position rear-end door hydraulic pump (M51/1) vertically. <b>i</b> Bolt on hydraulic oil reservoir (5) is the filling screw.	*BR00.45-Z-1091-06A

**Nm** Rear-end door

Number	Designation	Model
		<b>164.1/8</b>
BA72.20-P-1009-02J	Banjo bolt, hydraulic hose on hydraulic cylinder	Nm 10

**Nm** Rear-end door

Number	Designation	Model
		<b>251</b>
BA72.20-P-1005-02K	Banjo bolt, hydraulic hose on hydraulic cylinder	Nm 10



Support

**Repair materials**

Number	Designation	Order number
BR00.45-Z-1091-06A	MB 342.0 hydraulic fluid	A 100 890 00 11