



AP00.20-U-0001C	SERVICE SHEET for Flexible Service System (FSS)	25.9.97
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MODEL 170

Passenger Cars Model Year 2002

# Model 170



USA/CANADA:

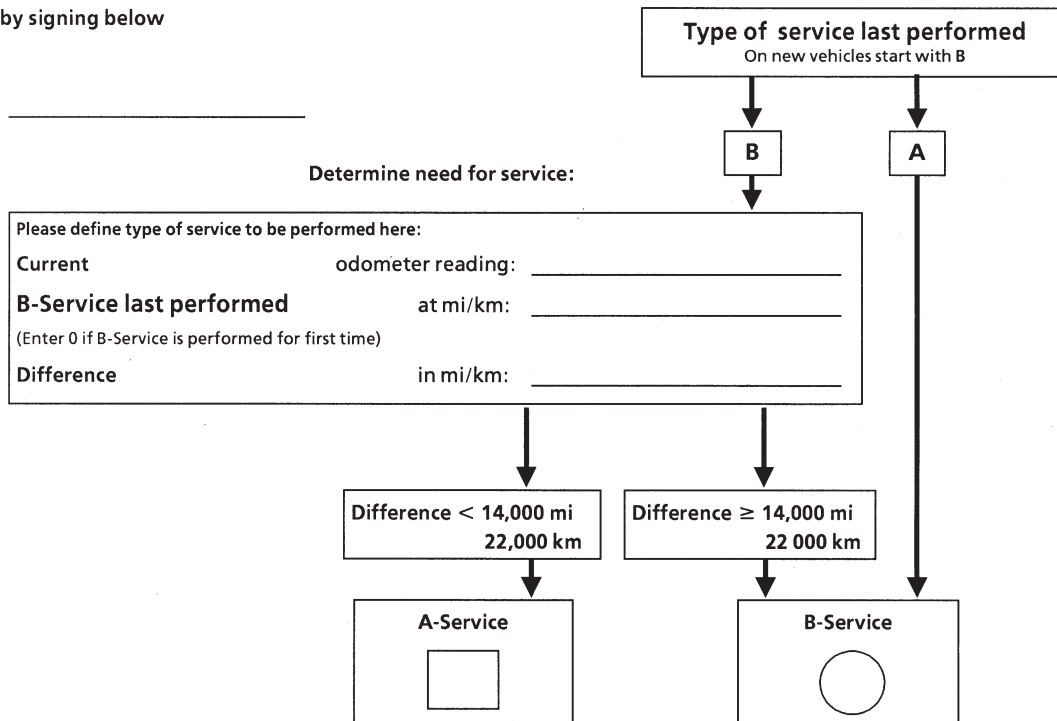
System is also known as "Active Service System (ASSYST)" in the Workshop Information System (WIS)

Customer: \_\_\_\_\_

Repair order number: \_\_\_\_\_

Confirm work has been performed by signing below

Technician: \_\_\_\_\_



Determine "Additional work" needed, if any:  
(check if applicable)

at approx. every:	50,000 mi/80,000 km or 4 yrs	<input type="checkbox"/>	every:	2 years	<input type="checkbox"/>
	60,000 mi/96,000 km or 5 yrs	<input type="checkbox"/>		3 years	<input type="checkbox"/>
				Spark plugs	<input type="checkbox"/>

**i** See last page for "Additional work"

Determining need for A-Service or B-service:

If the distance driven since the last "B-Service" is less (<) than 14,000 miles/22 000 km (as determined from Service Booklet or dealer records), an "A-Service" should be performed.

If the distance driven since the last "B-Service" is greater (≥) than 14,000 miles/22 000 km (as determined from Service Booklet or dealer records), a "B-Service" should be performed.

Additional flat rates apply for procedures marked with AP

<p>completed <input checked="" type="checkbox"/></p> <p>↓</p> <p><input type="checkbox"/> Brake test on dynamometer or test drive. Check parking brake and run in according to specifications (observe instructions in Maintenance Manual for vehicles with ASR!). Enter brake values in N:</p> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">front</td> <td style="text-align: center;">rear</td> <td style="text-align: center;">Parking brake</td> </tr> <tr> <td style="text-align: right;">left</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td style="text-align: right;">right</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>		front	rear	Parking brake	left	_____	_____	_____	right	_____	_____	_____	<p>A-Service <input type="checkbox"/></p> <p>↓</p>	<p>B-Service <input checked="" type="checkbox"/></p> <p>↓</p>	<p>Not O.K. ↓</p> <p><input type="checkbox"/> AP42.00-P-4290BA</p>
	front	rear	Parking brake												
left	_____	_____	_____												
right	_____	_____	_____												



**Vehicle passenger compartment**

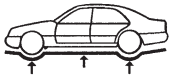
**Function check**

- |   |                                     |                                     |   |
|---|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> Check Tele Aid by pressing SOS button to make test call to Response Center | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |   |
| <input type="checkbox"/> Horn, headlamp flasher, hazard flashers, turn signals                      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>                  |
| <input type="checkbox"/> Warning/indicator lamps, illumination and interior lighting                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>                  |
| <input type="checkbox"/> Exterior lighting incl. headlamps  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>                  |
| <input type="checkbox"/> Windshield wipers, windshield washer system                                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP82.35-P-8252BA |
| <input type="checkbox"/> Headlamp cleaning system   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>                  |
| <input type="checkbox"/> Check seat belts for damage and proper function                            |                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP91.40-P-9150Z  |
| <input type="checkbox"/> Reset FSS counter in instrument cluster                                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |   |
| <input type="checkbox"/> Replace dust filter  |                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP83.00-P-8381G  |



**Wheels, brakes**

- |   |                                     |                                     |   |       |
|---|-------------------------------------|-------------------------------------|---|-------|
| <input type="checkbox"/> Remove and reinstall wheels, rotate if necessary, does not apply for vehicles with different tire sizes front/rear |                                     | <input checked="" type="checkbox"/> |   |       |
| <input type="checkbox"/> Check brake pads for lining thickness front/rear (remove 1 front wheel at "A" service)                             |                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP42.10-P-4251BA |       |
| <input type="checkbox"/> Check condition of brake discs front and rear  |                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP42.10-P-4251BA |       |
| <input type="checkbox"/> Check tires for damage and condition   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP40.10-P-4051Z  |       |
| <input type="checkbox"/> Measure tread depth, enter in mm   |                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> AP40.10-P-4051Z  |       |
|   | LF                                  | RF                                  | LR  | RR    |
| outside   | _____                               | _____                               | _____                                     | _____ |
| center  | _____                               | _____                               | _____                                     | _____ |
| inside  | _____                               | _____                               | _____                                     | _____ |
| <input type="checkbox"/> Correct tire inflation pressure  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>                  |       |



### Vehicle underbody

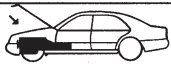
completed

A-Service

B-Service

Not O.K. ↓

- |                          |   |                          |                                  |                          |                  |
|--------------------------|---|--------------------------|----------------------------------|--------------------------|------------------|
| <input type="checkbox"/> | Visual check for<br><b>Leakage - Major components</b><br>Chafe marks, line routing, components.<br>In the event of leakage, determine cause and perform repair via separate work order. | <input type="checkbox"/> | <input checked="" type="radio"/> | <input type="checkbox"/> | AP00.20-P-0053BA |
| <input type="checkbox"/> | Check condition of front axle ball joints and rubber boots  |                          | <input checked="" type="radio"/> |                          | AP33.20-P-3353BA |
| <input type="checkbox"/> | Check condition of steering's mechanical components and rubber boots  |                          | <input checked="" type="radio"/> |                          | AP46.00-P-4653BA |



### Engine compartment

- |                                      |   |                                     |                                  |  |                                      |
|--------------------------------------|---|-------------------------------------|----------------------------------|--|--------------------------------------|
| <input type="checkbox"/>             | Visually check<br><b>Leakage - Major components</b><br>Chafe marks, line routing, components.<br>In the event of leakage, determine cause and perform repair via separate work order. |                                     | <input checked="" type="radio"/> |  | AP00.20-P-0053BA                     |
| <input type="checkbox"/>             | Engine oil and filter change<br>Engine 111<br>Engine 112  | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | AP18.00-P-0101AD<br>AP18.00-P-0101AE |
| <b>Check and correct fluid level</b> |   |                                     |                                  |  |                                      |
| <input type="checkbox"/>             | Engine cooling system, antifreeze and corrosion protection<br>_____°C   | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | AP20.00-P-2010Z                      |
| <input type="checkbox"/>             | Brake system  | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | AP42.10-P-4210Z                      |
| <input type="checkbox"/>             | Power steering  |                                     | <input checked="" type="radio"/> |  | AP46.00-P-4611BB                     |
| <input type="checkbox"/>             | <b>If so equipped:</b><br>Battery, wet cell<br>Check acid level, replenish  | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | AP54.10-P-5410A                      |
| <input type="checkbox"/>             | Additionally, check battery condition using "Midtronics MCR 717" Tester   | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | SI54.10-P-0003A                      |
| <input type="checkbox"/>             | <b>If so equipped:</b><br>Battery, AGM/VRLA, with black housing<br>Check battery condition using "Midtronics MCR 717" Tester  | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | SI54.10-P-0003A                      |
| <input type="checkbox"/>             | Windshield washer   | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | AP82.35-P-8210Z                      |
| <input type="checkbox"/>             | Check condition of poly-V-belt  |                                     | <input checked="" type="radio"/> |  | AP13.22-P-1351Z                      |
| <input type="checkbox"/>             | Lubricate throttle linkage, check function and condition  |                                     | <input checked="" type="radio"/> |  | AP30.10-P-3022ZA                     |
| <input type="checkbox"/>             | Lubricate catch, safety catch and hinges on engine hood   | <input checked="" type="checkbox"/> | <input checked="" type="radio"/> |  | AP88.40-P-8821BA                     |



**Front, rear of vehicle**

- Check headlamp aiming, adjust if necessary (refer to Operator's Manual for procedure) ⊗
- Replace windshield wiper rubber inserts ⊗ AP82.30-P-8280Z

**Additional Work**

completed   
↓

**Perform:** **yes**  
↓

**Not O.K.**  
↓

**At approx. every 50,000 mi/80,000 km or 4 years:**

- AP**  Check condition of drive shaft flex discs   AP41.10-P-4152Z
- AP**  Retighten locking bolts for steering. Observe torque.   AP46.20-P-4671BA

**At approx. every 60,000 mi/96,000 km or 4 years:**

- AP**  Replace air cleaner filter element
- AP**  Check condition of fuel filler nozzle seal in filler neck, replace if damaged  AP47.10-P-4751A

**At approx. every 60,000 mi/96,000 km or 5 years:**

- AP**  Replace fuel filter  AP47.20-P-0780DB
- Engine 111 AP47.20-P-0780DC
- Engine 112

**Every 2 years**

- AP**  Replace brake fluid  AP42.00-P-4280BA
- AP**  Inspect body for paint damage by Service Advisor   AP98.00-P-9850BA
- AP**  Check chassis and supporting body parts: for damage and corrosion by Service Advisor   AP00.20-P-0090BA

**Every 3 years**

- AP**  Replace coolant  AP20.00-P-2080A

**Replace spark plugs**

- AP**  **At approx. every 30,000 mi/50,000 km or 4 years**  AP15.10-P-1580CA  
Engine 111 - M.Y. 1998 - 2000
- AP**  **At approx. every 100,000 mi/160,000 km or 5 years**  AP15.10-P-1580A  
Engine 111 - As of M.Y. 2001  
Engine 112