

25.9.97 AP00.20-U-0001D **SERVICE SHEET for Flexible Service System (FSS)**

MODEL 129

Passenger Cars Model Year 2002

USA/CANADA:

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

Model 129



Cus	tomer:			Re	pair order num	ber:	
Confirm worl	k has been y signing below				Type of s	ervice last performe	d
Technician:				l	I	1	
			etermine need for s	ervice:	В	Å	
	Please define type	of service to be per	formed here:				
	Current		odometer reading	:			
	B-Service last	performed	at mi/km:				
	(Enter 0 if B-Service	e is performed for fi	rst time)				
	Difference		in mi/km:				
			Difference < 14, 22, A-Service	,000 km	Pifference ≥ 14,	000 mi 000 km B-Service	
	ne "Additional	work" neede	d, if any:				
(check if a		15,000 mi/			every:	2 years	
at approx.	every:	30,000 km			every.	2 years	
		30,000 mi/48,00 or 4 yrs	0 km			3 years	
		50,000 mi/80,00 or 4 yrs	0 km			Spark plugs	
		60,000 mi/96,00 or 5 yrs	0 km				

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 ${\Join}\mathsf{AP}$



completed	d⊠	A-Service	\Box	O B-Service	Not O.K.	
	1		\downarrow	\downarrow	\	
		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, ESP!). Enter brake values in N:		8		AP42.00-P-4290BA
		front rear Parking brake				
		left				
		right				
		Vehicle passenger compartment				
		Function check				
		Check Tele Aid by pressing SOS button to make test call to Response Center	X	\otimes		
		Horn, headlamp flasher, hazard flasher, turn signals	X	\otimes		
		Warning/indicator lamps, illumination and interior lighting	X	\otimes		
		Exterior lighting incl. headlamps	\boxtimes	\otimes		
		Windshield wiper, windshield washer system	X	\otimes		AP82.35-P-8252BA
		Headlamp cleaning system	\boxtimes	\otimes		AP82.15-P-8252BA
		Check seat belts for damage and proper function		\otimes		AP91.40-P-9150Z
		Reset FSS counter in instrument cluster	\boxtimes	\otimes		
		Wheels, brakes				
		Remove and reinstall wheels, rotate if necessary, does not apply for vehicles with different tire sizes front/rear		\otimes		AP40.10-P-4050Z
		Check brake pads for lining thickness front/rear (remove 1 front wheel at "A" service)		⊗		AP42.10-P-4251BA
		Check condition of brake discs front and rear		\otimes		AP42.10-P-4251BA
		Check tires for damage and condition	X	\otimes		AP40.10-P-4051Z
		Measure tread depth, enter in mm:		\otimes		AP40.10-P-4051Z
		LF RF LR RR				
		outside				
		center				
		inside				
		Correct tire inflation	\boxtimes	\otimes		

60£			Vehicle underbody				
~	completed	N K	A-Service		O B-Service	Not O.K.	
		$\overline{\downarrow}$		$\overline{\downarrow}$		\downarrow	
			Visual check for Leakage - Major components Chafe marks, line routing, components. In the event of leakage, determine cause and perform repair via separate work order.		⊗		AP00.20-P-0053BA
			Check condition of front axle ball joints and rubber boots		\otimes		AP33.20-P-3353BA
			Check condition of steering's mechanical components and rubber boots		\otimes		AP46.00-P-4653BA
			Engine compartment				
			Visually check Leakage - Major components Chafe marks, line routing, components. In the event of leakage, determine cause and perform repair via separate work order.		⊗		AP00.20-P-0053BA
			Engine oil and filter change Engine 113	\boxtimes	$\otimes_{\underline{i}}$		AP18.00-P-0101AF
			Engine 119				AP18.00-P-0101AG
			Engine 120				AP18.00-P-0101AH
			Check and correct fluid level				
			Engine cooling system, antifreeze and corrosion protection°C	X	\otimes		
			Engines 113				AP20.00-P-2010Z
			Engines 119, 120				AP20.00-P-2010Z
			Level control, ADS		\otimes		AP32.30-P-3211BA
			Brake system	\boxtimes	\otimes		AP42.10-P-4210Z
			Power steering		\otimes		
			Engines 113				AP46.00-P-4611BB
			Engines 119, 120				AP46.00-P-4611BA
			Windshield washer system	\boxtimes	\otimes		AP82.35-P-8210Z
			Check condition of poly-V-belt		\otimes		AP13.22-P-1351Z
			Lubricate throttle linkage, check function and condition Not with Engine 113		\otimes		AP30.10-P-3022ZA
			Replace dust filter		\otimes		AP83.00-P-8381CA
			Lubricate catch, safety catch and hinges on engine hood	×	\otimes		AP88.40-P-8821BA

icali		Front, rear of vehicle				
complete	√	A-Service	$_{\downarrow}^{\square}$	○ B-Service	Not O.K.	
		Check headlamp aiming, adjust if necessary (refer to Operator's Manual for procedure)		⊗		
		Replace windshield wiper rubber insert		\otimes		AP82.30-P-8280Z
		Check condition of wiper blades for headlamps		\otimes		AP82.15-P-8252BA
		Trunk				
		Correct tire inflation pressure in spare tire Check	\boxtimes	\otimes		
		If so equipped: Battery, wet cell Check acid level, replenish	\boxtimes	\otimes		AP54.10-P-5410A
		Additionally, check battery condition using "Midtronic MCR 717" Tester	×	\otimes		SI54.10-P-0003A
		If so equipped: Battery, AGM, with black housing (VRLA) Check battery condition using "Midtronic MCR 717" Tester	×	\otimes		SI54.10-P-0003A
		Additional work		1000		
complete	ed ⊠ ↓		yes ↓		Not O.K.	
complete	ed ⊠ ↓	Additional work	yes ↓		Not O.K. ↓	
complete	ed ⊠ ↓	Additional work Perform: Once at mileage greater than	yes ↓		Not O.K. ↓	AP42.20-P-4261BA
	ed ⊠ ↓	Additional work Perform: Once at mileage greater than 15,000 mi/30,000 km	↓		Not O.K. ↓	AP42.20-P-4261BA
	ed ⊠ ↓	Additional work Perform: Once at mileage greater than 15,000 mi/30,000 km Re-adjust parking brake At approx. every 30,000 mi/48,000 km or	↓		Not O.K. ↓	AP42.20-P-4261BA AP42.20-P-4256Z
► AP	↓ ↓ ↓	Additional work Perform: Once at mileage greater than 15,000 mi/30,000 km Re-adjust parking brake At approx. every 30,000 mi/48,000 km or 4 years Check control cables for parking brake for	↓ □		Not O.K. □	
► AP	ed ⊠ ↓	Perform: Once at mileage greater than 15,000 mi/30,000 km Re-adjust parking brake At approx. every 30,000 mi/48,000 km or 4 years Check control cables for parking brake for easy movement At approx. every 50,000 mi/80,000 km or	↓ □		Not O.K. □	
► AP	→	Perform: Once at mileage greater than 15,000 mi/30,000 km Re-adjust parking brake At approx. every 30,000 mi/48,000 km or 4 years Check control cables for parking brake for easy movement At approx. every 50,000 mi/80,000 km or 4 years			Not O.K. ↓	AP42.20-P-4256Z
► AP		Additional work Perform: Once at mileage greater than 15,000 mi/30,000 km Re-adjust parking brake At approx. every 30,000 mi/48,000 km or 4 years Check control cables for parking brake for easy movement At approx. every 50,000 mi/80,000 km or 4 years Check condition of drive shaft flex discs Retighten lock bolts of steering. Observe	· ·			AP42.20-P-4256Z AP41.10-P-4152Z
► AP		Additional work Perform: Once at mileage greater than 15,000 mi/30,000 km Re-adjust parking brake At approx. every 30,000 mi/48,000 km or 4 years Check control cables for parking brake for easy movement At approx. every 50,000 mi/80,000 km or 4 years Check condition of drive shaft flex discs Retighten lock bolts of steering. Observe torque. At approx. every 60,000 mi/96,000 km or	· ·			AP42.20-P-4256Z AP41.10-P-4152Z

		At approx. every 60,000 mi/96,000 km or 5 years			
₩AP		Replace fuel filter Engines 113			AP47.20-P-0780DC
		Engines 119, 120			AP47.20-P-0780DA
		Every 2 years			
⊯ AP		Replace brake fluid			AP42.00-P-4280BA
₩AP		Check body for paint damage by Service Advisor			AP98.00-P-9850BA
	completed ⊠	Perform:	yes ↓	Not O.K. ↓	
β≆AP		Check chassis and supporting body parts for damage and corrosion by Service Advisor			AP00.20-P-0090BA
		Every 3 years			
β¥AP		Replace coolant			AP20.00-P-2080A
	completed ⊠	Perform:	yes	Not O.K.	
	\		\	↓	
ræ a D		Replace spark plugs			
i≆ AP		At approx. every 60,000 mi/96,000 km or 4 years: Engine 119 - M.Y. 1998			AP15.10-P-1580EA
		Engine 120 - M.Y. 1998 - 1999			AP15.10-P-1580CA
₩AP		At approx. every 60,000 mi/96,000 km or 5 years:			
		Engine 120 - as of M.Y. 2000			AP15.10-P-1580CA
MFAP		At approx. every 100,000 mi/160,000 km or 4 years: Engine 113 - M.Y. 1999			AP15.10-P-1580A
₽¥AP		At approx. every 100,000 mi/160,000 km or 5 years: Engine 113 - as of M.Y. 2000			AP15.10-P-1580A