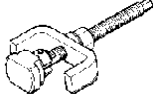
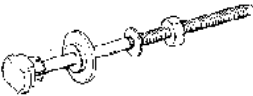
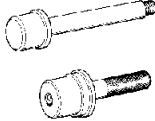


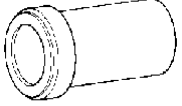
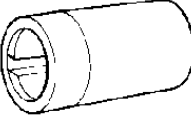
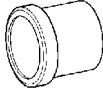
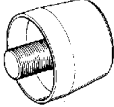
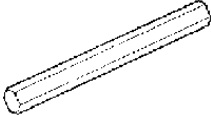

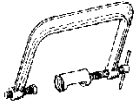
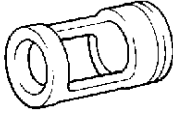
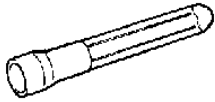



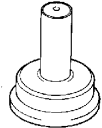
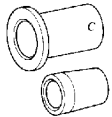
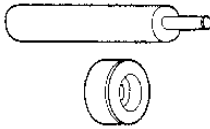


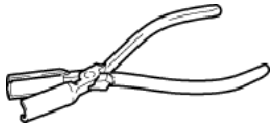
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
1	09212-32000	COUNTER BALANCE SHAFT BEARING PULLER (Fr.)		●													Removal of counter balance shaft front bearing
2	09212-32100	COUNTER BALANCE SHAFT BEARING PULLER (Rr.)		●													Removal of counter balance shaft rear bearing(use with 09212-32300)
3	09212-32200	COUNTER BALANCE SHAFT BEARING INSTALLER		●													Installation of coutner balance shaft front and rear bearing(use with 09212-32300)
4	09212-32300	GUIDE PLATE		●													Removal and installation of counter balance shaft rear bearing(use with 09212-32100,09212-32200)
5	09213-33000	PLUG CAP WRENCH		●													Removal and installation of front case cap plug
6	09214-32000	CRANKSHAFT FRONT OIL SEAL INS.		●													Installation of the crankshaft front oil seal(use with 09214-32100)
7	09214-32100	CRANKSHAFT FRONT OIL SEAL GUIDE		●													Installation of the cnrakshaft front oil seal(use with 09214-32000)

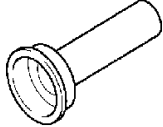
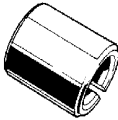



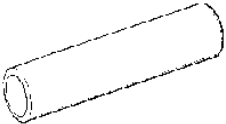
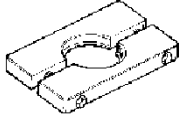
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
8	09221-21000	CAM SHAFT OIL SEAL INS.		●	●												Installation of the camshaft oil seal (use with 09221-21100) Installation of the camshaft oil seal
9	09221-21100	CAM SHAFT OIL SEAL GUIDE		●													1. Used as a guide when pressing in the camshaft oil seal (use with 09221-21000)
10	09221-32001	CYLINDER HEAD BOLT WRENCH		●													Removal and installation of cylinder head bolts
11	09222-21200	VALVE GUIDE INSTALLER(A/B)		●													Removal and installation of valve guides
12	09222-28000	VALVE SPRING COMPRESSOR		●	●												Removal and installation of inlet and exhaust valves Removal and installation of the intake or exhaust valve
13	09222-28100	VALVE SPRING COMP. HOLDER		●	●												Removal and installation of inlet and exhaust valves Removal and installation of the intake or exhaust valve
14	09222-28200	OIL SEAL INSTALLER		●													Installation of valve stem oil seals

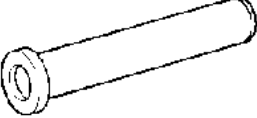
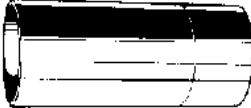


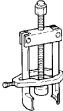
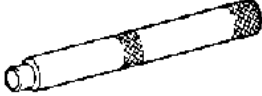

SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
15	09222-28400	VALVE GUIDE INS. ADAPTER		●													Installation of valve guides
16	09231-21000	CRANK SHAFT REAR OIL SEAL INS.		●													1. Installation of the engine rear oil seal 2. Installation of the crankshaft rear oil seal
17	09214-33000	CRANKSHAFT FRONT OIL SEAL INSTALLER			●												Installation of the crankshaft front oil seal
18	09221-22000	VALVE GUIDE INSTALLER (A)			●												Removal and installation of the valve guide
19	09221-29000	VALVE GUIDE INSTALLER			●												Removal and installation of the valve guide
20	09222-22001	VALVE STEM OIL SEAL INS.			●												Installation of the valve stem oil seal
21	09222-29000	VALVE STEM OIL SEAL REMOVER			●												Removal of the valve stem oil seal

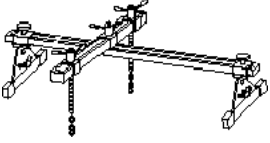
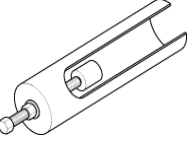


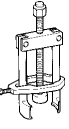
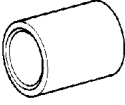

SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
22	09231-33000	CRANK SHAFT REAR OIL SEAL INS.			●												Installation of the crankshaft rear oil seal
23	09231-33100	CRANK SHAFT WRENCH			●												Used if the crankshaft needs to be rotated to attach the timing belt, etc.
24	09353-38000	FUEL PRESSURE GAUGE ADAPTER				●											Connection of fuel pressure gauge to delivery pipe for measurement of fuel pressure
25	09353-24100	FUEL PRESSURE GAUGE				●											Connection of fuel pressure gauge to delivery pipe for measurement of fuel pressure
26	09431-39000	OIL SEAL INSTALLER					●										Installation of differential oil seal (use with 09500-11000)
27	09455-33200	BEARING INSTALLER					●										Installation of output gear, bearing, sleeve Removal of input shaft bearing Removal of output shaft bearing
28	09433-21000	REMOVING PLATE					●										Removal of differential bearing

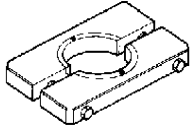
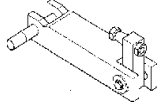
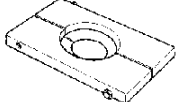
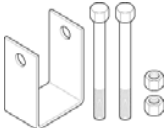
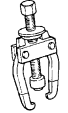
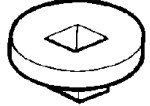
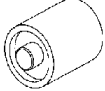
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
29	09457-22100	TRANSFER BEARING OUTER RACE INS.					●										Installation of input shaft bearing
30	09432-21500	BEARING INSTALLER					●										Installation of input oil seal
31	09532-11500	PINION BEARING OUTER RACE INSTALLER					●										Installation of differential bearing race(use with 09500-11000)
32	09500-11000	BAR					●										Installation of bearing outer race
33	09495-33000	BEARING & GEAR PULLER					●									●	TR : Removal of ball bearing and gear HA : Removal of field coil
34	09500-21000	HANDLE					●										Installation of input shaft bearing
35	09532-32000	BEARING INSTALLER					●	●									DS : Installation of bearing outer race(use with 09500-21000) SS : # Removal of the front wheel bearing outer race(Use with 09216-22100) # Installation of the differential drive pinion front bearing outer race(Use with 09500-21000)

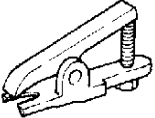



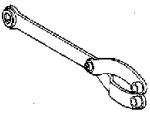
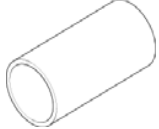
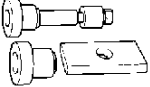
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
36	09200-38001	ENGINE SUPPORT FIXTURE					●										Removal and installation of transaxle
37	09432-3A000	OUTPUT SHAFT PULLER					●										Removal of output shaft
38	09493-43000	UNIVERSAL JOINT R & I						●									Removal and installation of the journal bearing(Use with 09432-43100)
39	09493-43100	UNIVERSAL JOINT REMOVER ADAPTER						●									Removal and installation of the journal bearing(Use with 09452-43000)
40	09455-21000	BEARING AND GEAR PULLER						●									# Removal of the center bearing # Removal of the wheel bearing inner race(Use with 09545-34100)
41	09216-21100	MOUNT BUSHING R & I BASE						●									Removal of the rear hub tone wheel(Use with 09457-34000)
42	09216-22100	MOUNT BUSHING BASE						●									# Removal of the front wheel bearing outer race(Use with 09532-32000) # Installation of the rear hub tone wheel

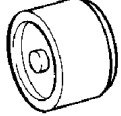

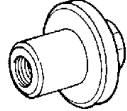


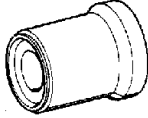
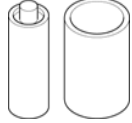
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
43	09457-34000	REMOVE PLATE						●									Removal of the rear hub tone wheel(Use with 09216-21100)
44	09517-29000	KNUCKLE ARM BRIDGE						●									Removal and installation of the front hub(Use with 09517-3A000 and 09517-21500)
45	09527-4A000	REMOVING PLATE						●									Removal of the differential drive pinion rear bearing
46	09517-3A000	KNUCKLE ARM BRIDGE ADAPTER						●									Removal of the front hub(Use with 09517-21500 and 09517-29000)
47	09517-43001	BEARING PULLER						●									# Removal of the rear hub bearing # Removal of the differential side bearing
48	09532-11600	PRELOAD SOCKET						●	●								DS : Measurement of the front wheel bearing starting torque(Use with torque wrench) SS : Measurement of the stabilizer bar link ball joint preload(use with torque wrench)
49	09545-34100	LOWER ARM BUSHING R & I ARBOR						●									Removal of the hub


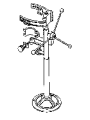
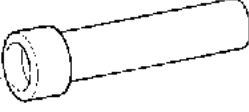
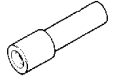
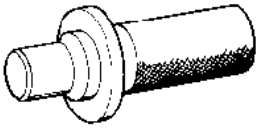
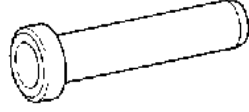

SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
50	09568-34000	BALL JOINT PULLER						●									Disconnection of the tie rod
51	09545-26000	LOWER ARM BUSHING R & I						●									Installation of the hub
52	09532-31200	OIL SEAL INSTALLER						●									Installation of the drive pinion rear bearing outer race(use with 09500-11000)
53	09517-43401	WORKING BASE						●									Support for the differential carrier
54	09517-21700	END YOKE HOLDER						●									Removal of the differential self locking nut
55	09500-26000	PINION HEIGHT GAUGE						●									Measurement of the drive pinion height
56	09500-43131	PINION HEIGHT GAUGE SET						●									Measurement of the drive pinion height

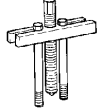
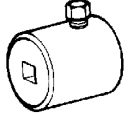
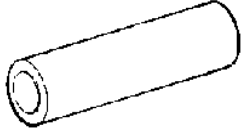
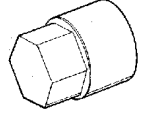
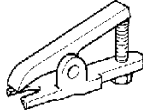
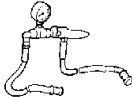
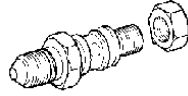
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
57	09216-21000	MOUNT BUSHING R & I ARBOR							●								Removal and installation of the front upper arm bushing and lower arm bushing(Use with 09551-31000)
58	09216-21300	MOUNT BUSHING R & I BASE							●								Removal and installation of the trailing arm bushing(Use with 09552-38100)
59	09529-21000	WHEEL ALIGNMENT GAUGE ATTACHMENT							●								Measurement of the wheel alignment
60	09532-3A000	PRELOAD SOCKET							●								Measurement of the front lower arm ball joint preload(use with torque wrench)
61	09545-28100	LOWER ARM BUSHING R & I ARBOR							●								Removal and installation of the rear upper arm bushing and lower arm bushing(Use with 09552-25000)
62	09551-31000	UPPER ARM BUSHING R & I							●								Removal and installation of the front lower arm bushing(Use with 09216-21000)
63	09552-25000	SUSPENSION BUSHING R & I							●								Removal and installation of the rear upper arm bushing and lower arm bushing(Use with 09545-28100)

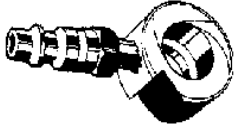
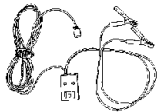

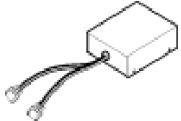
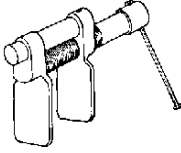


SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
64	09552-38100	TRAILER ARM BUSHING R & I							●								Removal and installation of rear trailing arm bushing(Use with 09216-21300)
65	09546-26000	COIL COMPRESSOR							●								Compression of the coil spring
66	09222-21100	VALVE STEM OIL SEAL INS.								●							Installation of the pinion gear bearing
67	09222-32100	VALVE STEM SEAL INSTALLER								●							Installation of the oil pump oil seal
68	09431-11000	FRONT OIL SEAL INSTALLER								●							Installation of the pinion gear oil seal
69	09432-21601	BEARING INSTALLER								●							Installation of the piion gear bearing
70	09517-21400	DRIFT								●							1. Removal of the pinion gear bearing 2. Removal of the pinion bearing outer race


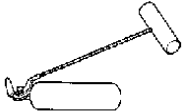

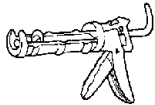
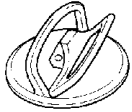

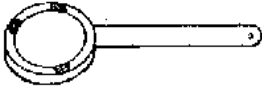
SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE			
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA				
				2.0/2.4 14	V6 2.7													
71	09561-11001	STEERING WHEEL PULLER																Removal of the steering wheel
72	09565-11100	PRELOAD SOCKET																Measurement of the main shaft preload
73	09565-21000	PINION BEARING R & I																Removal and installation of the pinion gear bearing
74	09565-31300	YOKE PLUG TORQUE WRENCH SOCKET																Removal, installation and adjustment of the steering gear yoke plug
75	09568-31000	TIE ROD END PULLER																Separation of the tie rod end ball joint
76	09572-21000	P/S OIL PRESSURE GAUGE																Measurement of the oil pressure(use with 09572-33100, 09572-21200)
77	09572-21200	P/S OIL PRESSURE GAUGE ADAPTER																Measurement of the oil pressure(use with 09572-21000, 09572-33100)

SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA			
				2.0/2.4 14	V6 2.7												
78	09572-33100	OIL PRESSURE GAUGE ADAPTER															Measurement of the oil pressure(use with 09572-21000, 09572-21200)
79	0957A-34100A	AIR BAG DEPLOYMENT TOOL															Airbag deployment tool PAB, SAB : 0957A-38100 DAB, BPT : 0957A-38500
80	0957A-38000	DIAGNOSIS CHECKER															Wiring harness checker for each module
81	0957A-38200	DUMMY															Suimulator to check the resistance of each wiring harness Dummy adapter PAB, SAB : 0957A-38300 DAB, BPT : 0957A-38400
82	09581-11000	PISTON EXPENDER															Spreading the front and rear brake pistons
83	09793-21000	DOOR HINGE ADJUSTING WRENCH															Adjustment, removal, and installation of the door hinge
84	09800-21000	ORNAMENT REMOVER															Trim removal

SANTA FE_SM (2.0 & 2.4 & 2.7)

No.	TOOL No.	TOOL NAME	IMAGE	APPLICATION											USAGE			
				EM	EMA	FL	TR	DS	SS	ST	RT	BR	BD	HA				
				2.0/2.4 14	V6 2.7													
85	09853-31000	HEAD LINING CLIP REMOVER																Removal of the headliner clip
86	09861-31100	SEALANT CUT-OUT TOOL																Cutting the sealant of the windshield(use with 09861-31200)
87	09861-31200	SEALANT CUTTING BLADE																Cutting the sealant of the windshield(use with 09861-31100)
88	09861-31300	SEALANT GUN																Application of the sealant to the windshield
89	09861-31400	GLASS HOLDER																Removal and installation of the windshield
90	09861-31000	WINDSHILD GLASS HOLDING REMOVER																Removal of the windshield moulding
91	09977-29000	DISC & HUB BOLT REMOVER																Removal and installation of pressure plate