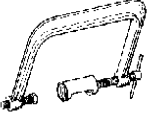
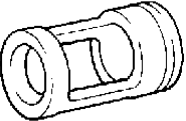

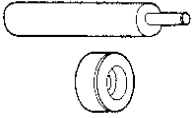

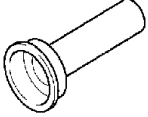
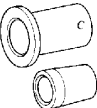
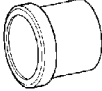
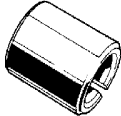
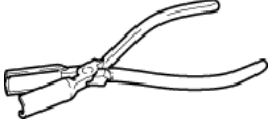


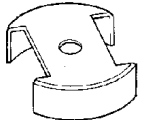
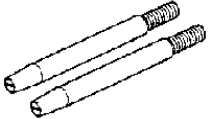


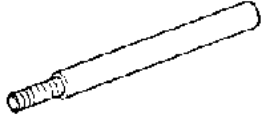

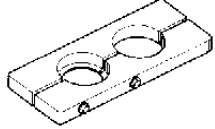
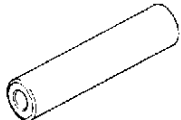
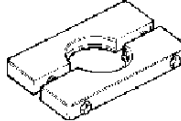

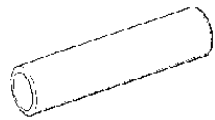
# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
1	09222-28000	VALVE SPRING COMPRESSOR		●	●													Removal and installation of intake and exhaust valve
2	09222-28100	VALVE SPRING COMP. HOLDER		●	●													Removal and installation of intake and exhaust valve
3	09222-22001	VALVE STEM OIL SEAL INS.		●	●													Installation of valve stem oil seal
4	09221-22000	VALVE GUIDE INSTALLER (A/B)		●	●													Removal and installation of valve guide
5	09221-29000	VALVE GUIDE INSTALLER		●	●													Removal and installation of valve guide
6	09231-33000	CRANK SHAFT REAR OIL SEAL INS.		●	●													Installation of crankshaft rear oil seal
7	09214-33000	CRANKSHAFT FRONT OIL SEAL INSTALLER		●	●													Installation of crankshaft front oil seal

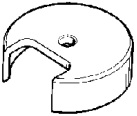
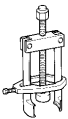
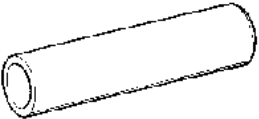

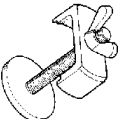

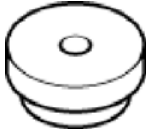
# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
8	09221-21000	CAM SHAFT OIL SEAL INS.		●	●													Installation of camshaft oil seal
9	09231-33100	CRANK SHAFT WRENCH		●	●													Used if the crankshaft needs to be rotated to attach the timing belt, etc.
10	09222-29000	VALVE STEM OIL SEAL REMOVER		●	●													Removal of valve stem oil seal
11	09353-38000	Fuel pressure gague adapter						●										Connection of fuel pressure gauge to fuel supply pipe as fuel pressure measurement
12	09353-24100	Fuel pressure gague and hose						●										Measurement of fuel pressure
13	09453-24000	SPRING COMPRESSOR								●								Removal and installation of the underdrive clutch snap ring.
14	09452-21401	GUIDE PIN								●								Installation of the oil pump and transfer drive gear.(use with 09452-21301)


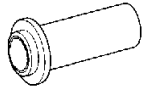
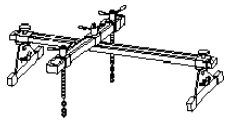
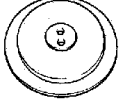
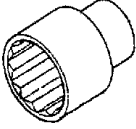
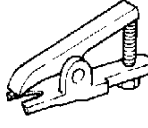
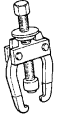
# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
15	09453-33100	DIAL GAUGE EXTENSION																Mesurement of the low and reverse and second brake end play.
16	09431-39000	OIL SEAL INSTALLER																Installation of the drive shaft oil seal
17	09432-33200	REMOVE PLATE																Removal of the transfer shaft bearing
18	09432-33800	BEARING INSTALLER																1. Removal of the transfer drive gear taper bearing(use with 09433-21000) 2. Installation of the transfer shaft bearing
19	09433-21000	REMOVING PLATE																1. Removal of the transfer drive gear taper bearing.(use with 09432-33800) 2. Removal of the differential ball bearing
20	09500-11000	BAR																Installation of the differential outlace bearing.(use with 09532-11500)
21	09455-33200	BEARING INSTALLER																Installation of the differential ball bearing and output shaft taper roller bearing.

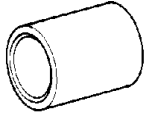
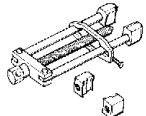
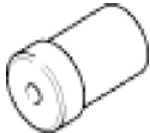
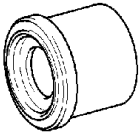
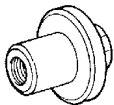
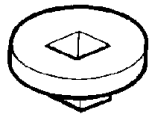

# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
22	09453-21100	SPRING COMPRESSOR																Removal and installation of the low and reverse brake snap ring.(use with 09453-21000)
23	09455-21000	BEARING AND GEAR PULLER																Removal of the transfer driver gear and bearing.
24	09455-21100	BEARING INSTALLER																1. Installation of the transfer drive gear and bearing. 2. Installation of the transfer drive gear taper bearing.
25	09532-11500	PINION BEARING OUTER RACE INSTALLER																Installation of the differnetial outlace bearing.(use with 09500-11000)
26	09453-21000	SPRING COMPRESSOR																1. Removal and installation of the low & reverse brake snap ring. 2. Removal and installation of the overdrive clutch snap ring.(use with 09456-39000)
27	09456-39000	SPRING COMPRESSOR																Removal and installation of the low and reverse brake and overdrive clutch snap ring.
28	09432-21701	BEARING OUTER RACE INS.																Installation of the output shaft outlace.


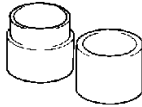




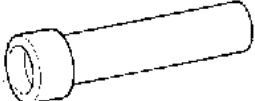
# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
29	09452-33100	OIL PUMP REMOVER																Removal of the oil pump.
30	09452-21200	OIL PUMP OIL SEAL INS.																Installation of the oil pump oil seal
31	09200-38001	ENGINE SUPPORT FIXTURE																Removal and installation of the transaxle.
32	09456-39100	CLEARANCE DUMMY PLATE																Measurement of the low and reverse and second brake end play.
33	09457-39000	SPECIAL SOCKET																Removal and installation of the output lock nut.
34	09568-34000	BALL JOINT PULLER																Separation of tie rod end and lower arm ball joint
35	09517-43001	BEARING PULLER																Removal of center bearing bracket

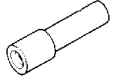
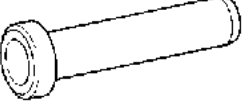
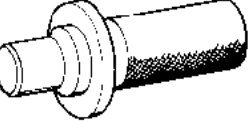

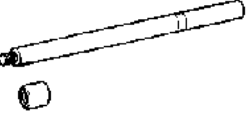
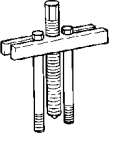
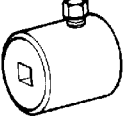
# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
36	09216-21100	MOUNT BUSHING R & I BASE																Removal of center bearing(used with 09495-33100)
37	09432-11000	MAINSHAFT BEARING PULLER																Removal of driveshaft tone wheel
38	09495-33100	DRIVE SHAFT CENTER BEARING R & I																Removal of center bearing(used with 09216-21100)
39	09216-21600	MOUNT BUSHING R & I ARBOR																Removal and installation of the rear trailing arm bushing(Use with 09552-38100)
40	09529-21000	WHEEL ALIGNMENT GAUGE ATTACHMENT																Measurement of the wheel alignment
41	09532-11600	PRELOAD SOCKET																Measurement of the stabilizer bar link ball joint preload(Use with torque wrench)
42	09532-3A000	PRELOAD SOCKET																measurmnt of the front lower arm ball joint preload(Use with torque wrench).

# CENTENIAL\_LZ (3.5 &4.5)

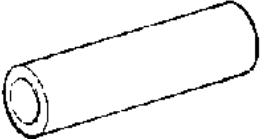
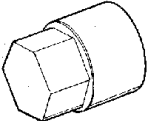
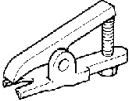
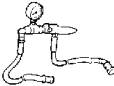
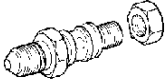


No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE		
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA	
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1									
43	09545-21100	BALL JOINT DUST COVER INS.																	Installation of the front lower arm ball joint(Use with 09545-11000)
44	09545-11000	BALL JOINT REMOVER & INSTALLER																	Installation of the lower arm ball joint dust cover
45	09552-38000	ASSIST ARM BUSHING R & I																	Removal and installation of the assist arm bushing
46	09552-38100	TRAILER ARM BUSHING R & I																	Removal and installation of the rear trailing arm bushing(Use with 09216-21600)
47	09552-38200	CENTER ARM BUSHING R & I																	Removal and installation of the rear center arm bushing
48	09624-34000	TRAILING ARM BUSHING R & I																	Removal and installation of the lower arm bush(G)
49	09222-21100	VALVE STEM OIL SEAL INS.																	Installation of the pinion gear bearing

# CENTENIAL\_LZ (3.5 &4.5)

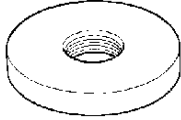

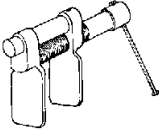
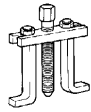

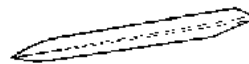

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
50	09222-32100	VALVE STEM SEAL INSTALLER																Installation of the oil pump seal
51	09432-21601	BEARING INSTALLER																Installation of the pinion gear bearing
52	09431-11000	FRONT OIL SEAL INSTALLER																Installation of the pinion gear oil seal
53	09517-21400	DRIFT																1) Removal of the pinion gear bearing 2) Removal of the pinion bearing outer-race.
54	09555-21000	BAR																Removal and installation of the oil seal(used with 09573-33000, 09573-33100, 09573-21000)
55	09561-11001	STEERING WHEEL PULLER																Removal of the steering wheel
56	09565-11100	PRELOAD SOCKET																Measurement of the main shaft preload



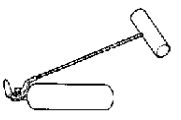

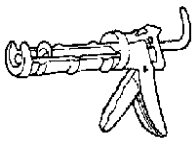
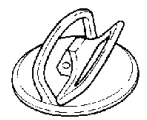

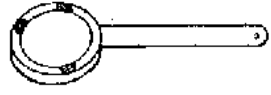
# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
57	09565-21000	PINION BEARING R & I																Removal and installation of the pinion gear bearing
58	09565-31300	YOKE PLUG TORQUE WRENCH SOCKET																Removal, installation and adjustment of the steering gear yoke plug.
59	09568-31000	TIE ROD END PULLER																Separation of the tie rod end ball joint
60	09572-21000	P/S OIL PRESSURE GAUGE																Measuremnt of the oil pressure(use with 09572-33100, 09572-21200)
61	09572-21200	P/S OIL PRESSURE GAUGE ADAPTER																Measurement of the oil pressure(use with 09572-21000, 09572-33100)
62	09572-33100	OIL PRESSURE GAUGE ADAPTER																Measurement of the oil pressure(use with 09572-21000, 09572-21200)
63	09573-21000	INSTALLER GUIDE																Installation of the back up washer and oil seal(use with 09573-33000, 09573-33100)

# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
64	09573-33000	OIL SEAL INSTALLER																Installation of the washer and oil seal(use with 09573-21000, 09573-33100, 09555-21000)
65	09573-33100	OIL SEAL GUIDE																Removal and installation of the oil seal(use with 09573-21000, 09573-33000, 09555-21000)
66	09581-11000	PISTON EXPENDER																Pushing back of the front disc and rear disc brake piston
67	09526-11001	AXLE SHAFT PULLER																Removal or installation of front hub and disc.
68	09793-21000	DOOR HINGE ADJUSTING WRENCH																Adjustment, removal and installation of the door hinge
69	09800-21000	ORNAMENT REMOVER																Trim removal
70	09853-31000	HEAD LINING CLIP REMOVER																Removal of the headlining clip

# CENTENIAL\_LZ (3.5 &4.5)

No.	TOOL No.	TOOL NAME	Image	APPLICATION													USAGE	
				EM		EE	FL		CH	AT	DS	SS	ST	RT	BR	BD		HA
				3.5	4.5		3.5	4.5		F5A51-5 F5AH1								
71	09861-31100	SEALANT CUT-OUT TOOL															●	Cutting the windshield glass sealant(use with 09861-31200)
72	09861-31200	SEALANT CUTTING BLADE															●	Cutting the windshield glass sealant(use with 09861-31100)
73	09861-31300	SEALANT GUN															●	Application of the sealant to the windshield glass
74	09861-31400	GLASS HOLDER															●	Removal and installation of the windshield glass
75	09861-31000	WINDSHILD GLASS HOLDING REMOVER															●	Removal of the windshield glass molding
76	09977-29000	DISC & HUB BOLT REMOVER															●	Removal and installation of the pressure plate