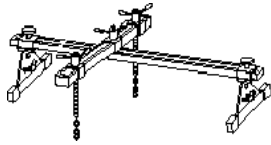
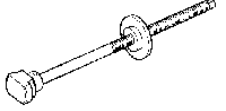
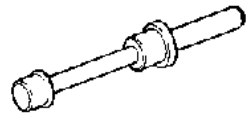

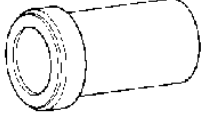
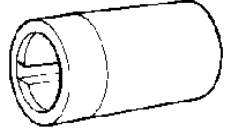
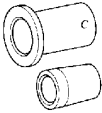

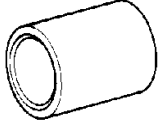
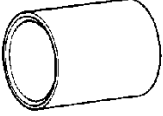
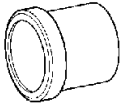



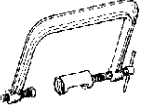
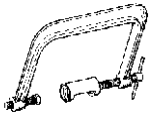


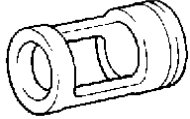
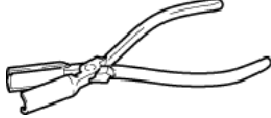
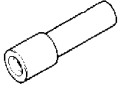

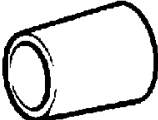
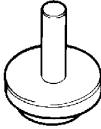
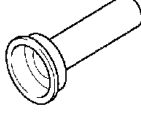
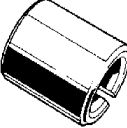
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
1	09200-38001	ENGINE SUPPORT FIXTURE		●			●										Support of engine, removal and installation of the transaxle.
2	09212-43100	SILENT SHAFT BEARING PULLER		●													Removal of the silent shaft rear bearing.
3	09212-43200	SILENT SHAFT BEARING INSTALLER		●													Insallation of the silent shaft rear bearing.
4	09212-43300	BEARING INSTALLER STOPPER		●													Guide for removal and installation of silent shaft right bearing
5	09214-32000	CRANKSHAFT FRONT OIL SEAL INS.		●													Removal & Installation of lower arm bushing(use with 09216-21100)
6	09214-32100	CRANKSHAFT FRONT OIL SEAL GUIDE		●													Installation of the crankshaft front oil seal
7	09214-33000	CRANKSHAFT FRONT OIL SEAL INSTALLER		●													Installation of the front oil seal
8	09214-43000	CONNECTING ROD BUSHING REPLACEMENT		●													Replacement of connecting-rod small end bushing.


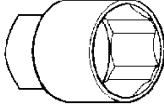
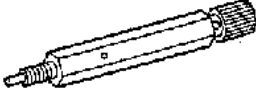
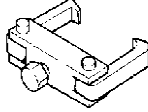
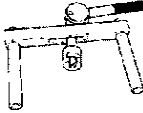

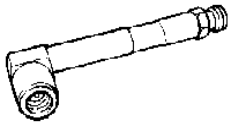

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
9	09216-21100	MOUNT BUSHING R & I BASE						●								Removal and Installation of lower arm bushing (use with 09216-32000)
10	09216-21300	MOUNT BUSHING R & I BASE						●	●							Installation of front wheel bearing
11	09221-21000	CAM SHAFT OIL SEAL INS.		●												Installation of the camshaft oil seal
12	09221-29000	VALVE GUIDE INSTALLER		●												Installation of the valve guide(Use with 09221-22000A)
13	09221-32001	CYLINDER HEAD BOLT WRENCH		●												Removal and tightening of the cylinder head bolt.
14	09221-4A000A	TORQUE ANGLE ADAPTER		●												Installation of bolts & nuts needing an angular method
15	09222-21001	VALVE SPRING COMPRESSOR		●												Removal and installation of the valve guide. [1.1L only]
16	09222-28000	VALVE SPRING COMPRESSOR		●												Removal and installation of the intake or exhaust valve


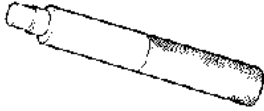
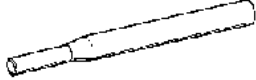
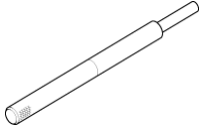
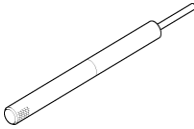
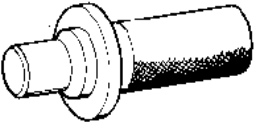
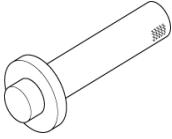
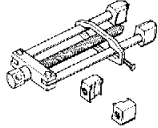
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
17	09222-28100	VALVE SPRING COMP. HOLDER		●													Removal and installation of the intake or exhaust valve
18	09222-29000	VALVE STEM OIL SEAL REMOVER		●													Remover of valve stem oil seal
19	09222-32100	VALVE STEM SEAL INSTALLER		●													Installation of the oil pump oil seal
20	09222-32200	VALVE GUIDE INSTALLER		●													Installation of valve guide.
21	09222-43200	SILENT SHAFT DRIVE GEAR...		●													Installation of silent shaft drive oil seal.
22	09231-32000	CRANKSHAFT REAR OIL SEAL INSTALLER		●													Installation of crankshaft front oil seal
23	09231-33000	CRANK SHAFT REAR OIL SEAL INS.		●													Installation of the crankshaft rear oil seal
24	09231-33100	CRANK SHAFT WRENCH		●													Used if the crankshaft needs to be rotated to attache the timing belt,etc

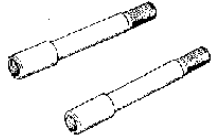

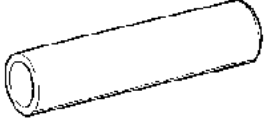

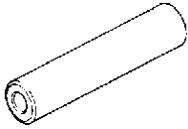
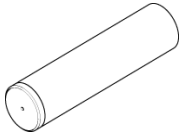
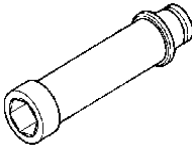
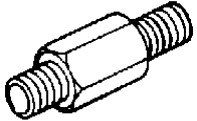
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
25	09231-H1000	CRANKSHAFT PULLEY ADAPTER		●													Removal or installation of the crankshaft pulley bolt(used with 09517-21700)
26	09260-32000	OIL PRESSURE SWITCH WRENCH		●													Removal and installation of oil pressure switch.
27	09310-43000	PRESTROKE MEASURING ADAPTER		●													Injection timing adjustment
28	09314-43000	INJECTION PUMP SPROCKET PULLER		●													Removal of the injection pump sprocket.
29	09351-H1000	INJECTOR REMOVER		●													Removal of Injectors
30	09351-H1500	COMMON RAIL FUEL RETURN PRESSURE GAUGE ADAPTER		●													Adapter for the measurement of the fuel pressure returned in common rail.
31	09353-24000	FUEL PRESSURE GAUGE ADAPTER		●													Connection between Fuel Pressure Gauge(09353-24100)and Fuel Pressure Gauge Adapter(09353-38000)
32	09353-24100	FUEL PRESSURE GAUGE		●													Measuring the fuel line pressure

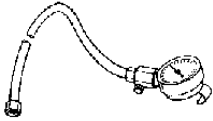
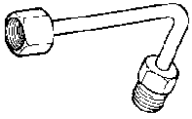
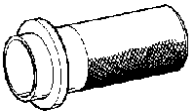
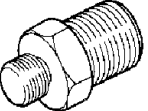
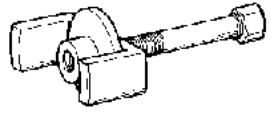

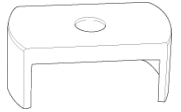
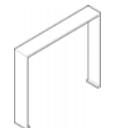
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
33	09353-38000	FUEL PRESSURE GAUGE ADAPTER		●													Connection between the delivery pipe and fuel feed line
34	09411-43000	CLUTCH ALIGNMENT ARBOR				●											Installation of the clutch discs
35	09414-11000	LOCK PIN EXTRACTOR					●										Removal of the pin in the lock pawl rod
36	09414-H1000	LOCK PIN REMOVER					●										Removal of shift fork and inter lock body pin.
37	09414-H1100	LOCK PIN INSTALLER					●										Installation of shaft fork and inter lock body spring
38	09431-32000	FRONT OIL SEAL INSTALLER					●										Installation of the input shaft front oil seal and rear oil seal
39	09431-H1000	OIL SEAL INSTALLER					●										Press fitting of clutch housing oil sea.
40	09432-11000	MAINSHAFT BEARING PULLER					●										Removal of the main shaft bearing.(Use with 09432-11100)

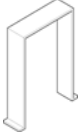
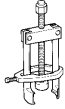
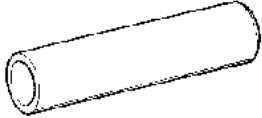


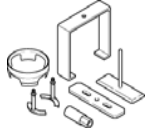
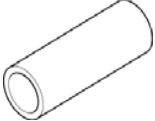
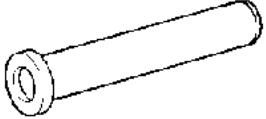
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
41	09432-11100	MAINSHAFT BEARING PULLER, ADAPTER					●									Removal of the main shaft bearing.(Use with 09432-11000)
42	09432-21701	BEARING OUTER RACE INS.						●								Installation of the output shaft outlace
43	09432-33300	BEARING INSTALLER					●									Installation of the center bearing
44	09432-33700	BEARING OUTER RACE INS.						●								Installatin of front hub. (use with 0950-21000)
45	09432-33800	BEARING INSTALLER						●								1.Removal of the transfer drive gear taper bearing(use with 09433-21000) 2.Removal of the differential ball bearing
46	09432-H1000	MAIN SHAFT BEARIN INS.					●									Removal of input/out put shaft bearing
47	09432-H1100	LOCK NUT WRENCH					●									Removal of main shaft lock nut
48	09452-21000	OIL PRESSURE GAUGE ADAPTER					●									Measurement of the oil pressure(use with 09452-21500,09452-21600,09452-32300)



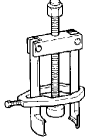

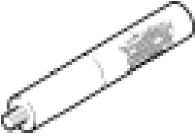
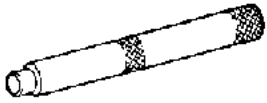
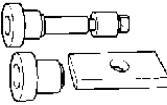

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
49	09452-21500	TRANSMISSION PRESSURE GAUGE					●										Measurement of the oil pressure(Use with 09452-21001 and 09452-21002)
50	09452-21600	OIL PRESSURE GAUGE ADAPTER					●										Measurement of the oil pressure(use with 09452-21000,09452-21500,09452-32300)
51	09452-32100	OIL SEAL INSTALLER					●										Press fitting of the piston into the OD clutch drim.
52	09452-32300	OIL PRESSURE GAUGE ADAPTER					●										Measurement of the oil pressure.(use with 09452-21000,09452-21500,09452-21600)
53	09453-32100	PISTON SPRING COMPRESSOR SET					●										Removal of forward multiple disc clutch assembly.
54	09454-38000	SPRING COMPRESSOR					●										Removal and installation of the return spring sanp ring.
55	09454-38100	SPRING COMPRESSOR					●										1. Removal of 1st & reverse brake spring. 2. Removal of no.3 brake spring.
56	09454-38200	REVERSE BRAKE PISTON REM.					●										Removal of reverse brake piston.


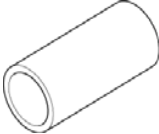
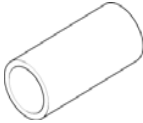


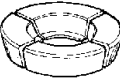
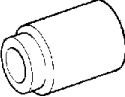

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
57	09454-38300	REACTION SLEEVE REMOVER					●									Removal of reaction sleeve
58	09455-21000	BEARING AND GEAR PULLER						●								Removal of the transfer drive gear and bearing
59	09455-21100	BEARING INSTALLER					●		●							1.Installation of the transfer drive gear and bearing 2.Installation of the transfer drive gear taper bearing
60	09455-21200	BEARING INSTALLER					●									1. Installation go the transfer shaft rear side bearing. 2. Installation of the transfer drive gear
61	09455-32200	OIL SEAL PULLER					●		●							1.Installation of the transfer drive gear and bearing 2.Installation of the transfer drive gear taper bearing
62	09455-38000	RETURN SPRING COMPRESSOR SET					●									Removal of the overdrive return spring Removal of the forward clutch spring Removal of the direct clutch spring
63	09455-H1000	BEARING INSTALLER					●									Installation of rear counter shaft bearing.
64	09457-22100	TRANSFER BEARING OUTER RACE INS.					●									Installation of the 1st speed gear 2nd speed gear and 1-2 synchronizer hub

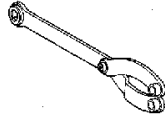
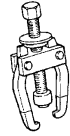



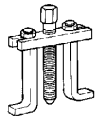

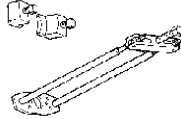
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
65	09493-43000	UNIVERSAL JOINT R & I						●								Removal and installation of the universal joint.
66	09493-43100	UNIVERSAL JOINT REMOVER ADAPTER						●								Removal and installation of journal bearing.(Use with 09452-43000)
67	09495-33000	BEARING & GEAR PULLER													●	Removal of wheel bearing inner race from a hub
68	09495-33100	DRIVE SHAFT CENTER BEARING R & I							●							*Removal an dinstallation of he center bearing *Installation of the inner dust seal(use with 09216-21100)
69	09500-11000	BAR						●								Installation of the differential outlace bearing(use with 09532-11500)
70	09500-21000	HANDLE						●								Removal of the wheel bearing inner race from rear housing. (use with 09527-33000, 09216-22100)
71	09500-43131	PINION HEIGHT GAUGE SET						●								Measurement of the drive pinion geight
72	09500-4A000	PINION HEIGHT GUAGE SET						●								Measurement of the drive pinion geight

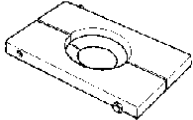
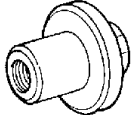

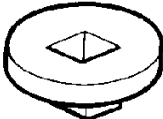


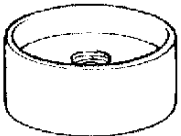

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
73	09500-4A100	PINION HEIGHT GAUGE SET						●								Measurement of the drive pinion geight
74	09500-H1000	PINION HEIGHT GAUGE						●								Measurement of front differential pinion height.(6th) (Use with 09500-43131)
75	09500-H1100	PINION HEIGHT GAUGE						●								Measurement of front differential pinion height.(Use with 09500-4A000)
76	09517-11000	FRONT HUB BEARING OUTER RACE INSTALLER						●								Installation of the front hub bearing.(Use with 09500-11000)
77	09517-21000	OIL SEAL INSTALLER						●								Press fit for the front wheel bearing oil sea & outer race. (use with 09500-21000)
78	09517-21100	HUB BEARING REMOVER						●								Removal of the front wheel bearing.(Use with 09532-11000 and 09532-11301)
79	09517-21200	FRONT AXLE BASE							●							Installation of the rear axle shaft bearing retainer.
80	09517-21400	DRIFT						●								1. Removal of the pinion gear bearing. 2. Removal of the pinion bearing outer race.

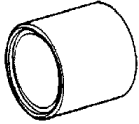


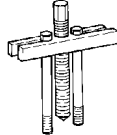
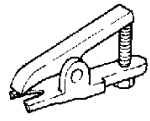
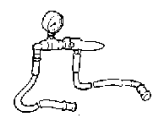
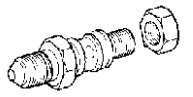
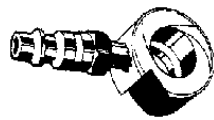
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
81	09517-21700	END YOKE HOLDER						●								Removal or installation of the crankshaft pulley bolt(used with 09517-21700)
82	09517-43001	BEARING PULLER						●	●							Removal of center bearing bracket
83	09517-43401	WORKING BASE						●								Support for the differential carrier
84	09518-4A000	LOCK NUT WRENCH						●								Removal and installation of front hub lock nut.
85	09521-43001	SIDE BEARING ADJUST SPANNER						●								Adjustment of the side bearing nut
86	09526-11001	AXLE SHAFT PULLER						●								Removal of oil pump.
87	09526-11100	SLIDING HAMMER						●								Removal of the oil seal
88	09526-43200	AXLE SHAFT BEARING CASE REMOVER						●								Removla of the rear axle shaft bearing case.

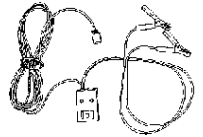

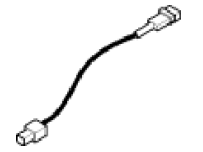
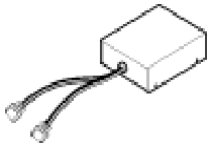
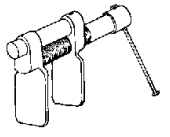
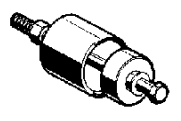


TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
89	09527-4A000	REMOVING PLATE						●									1. Removal of the pinion gear bearing. 2. Removal of the pinion bearing outer race.
90	09529-21000	WHEEL ALIGNMENT GAUGE ATTACHMENT							●								Removal & installation of trailing arm bushing
91	09532-11500	PINION BEARING OUTER RACE INSTALLER						●									Installation of the differential outface bearing(use with 09500-11000)
92	09532-11600	PRELOAD SOCKET						●	●								Measurement of the front lower arm ball joint saring torque(use with torque wrench)
93	09532-31200	OIL SEAL INSTALLER						●									1. Installation of the drive pinion outer race. 2. Installation of the front hub outer bearing outer race. (use with 09500-21000)
94	09532-32000	BEARING INSTALLER						●									1. REmoval of the front wheel bearing outer race. (use with 09216-22100) 2. Installation of the differential drive pinion front bearing outer race. (use with 09500-21000)
95	09542-4A000	OIL SEAL INSTALLER						●									Installation of knuckle oil seal.(4WD)
96	09545-21100	BALL JOINT DUST COVER INS.						●									Press-fitting of the front hub to the knuckle



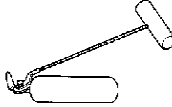

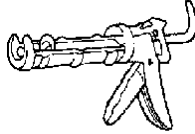
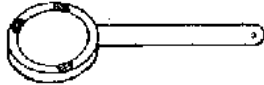
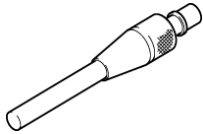

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
97	09545-24100	LOWER ARM BUSHING R & I BASE								●							Removal and installation of the front lower arm bushing.(Use with 09545-24000)
98	09545-25000	LOWER ARM BUSHING R & I								●							Removal and installation of the lower arm busing.
99	09545-3A000	LOWER ARM BUSHING REMOVER								●							Removal of lower arm bushing.
100	09561-11002	STEERING WHEEL PULLER										●					Removing the steering wheel
101	09568-34000	BALL JOINT PULLER							●	●	●						Seperation of tie-rod end ball joint
102	09572-21000	P/S OIL PRESSURE GAUGE										●					1. Measurement of the oil pressure.(Use with 09572-21000,09572-21200) 2. Measurement of the oil pressure.(Use with 09572-21200,09572-22000,09572-33100)
103	09572-21200	P/S OIL PRESSURE GAUGE ADAPTER										●					Measuring the power steering oil pressure(use with 09572-21000, 09572-22100)
104	09572-33100	OIL PRESSURE GAUGE ADAPTER										●					Measurement of the oil pressure(Included in 09572-21000,09572-21200)


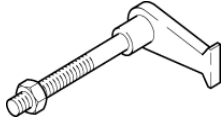

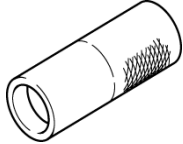
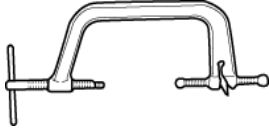
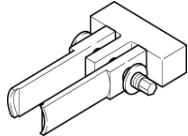
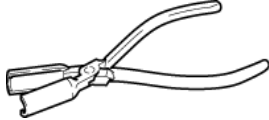

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE			
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA				
105	0957A-34100A	AIR BAG DEPLOYMENT TOOL																Airbag deployment tool
106	0957A-38000	DIAGNOSIS CHECKER																Wiring harness checker for each module
107	0957A-38100	DEPLOYMENT ADAPTER																To connect deployment tool(0957A-34100A)and airbag module(PAB)
108	0957A-38200	DUMMY																Simulator to check the resistance of each wiring harness
109	09581-11000	PISTON EXPENDER																Pushing back of the front disc and rear disc brake piston
110	09624-34000	TRAILING ARM BUSHING R & I																Removal and installation of the lower arm bush
111	09793-21000	DOOR HINGE ADJUSTING WRENCH																Adjustment, removal and installation of the door hinge
112	09800-21000	ORNAMENT REMOVER																Trim removal

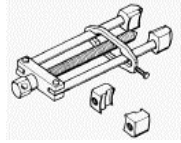
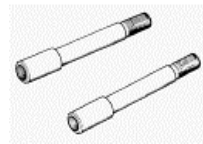



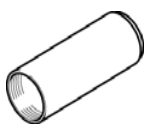
TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
113	09853-31000	HEAD LINING CLIP REMOVER														●	Removal of the headliner clops
114	09861-31000	WINDSHILD GLASS HOLDING REMOVER														●	Removal of the windshield molding
115	09861-31100	SEALANT CUT-OUT TOOL														●	Cutting the selalant of the windshield(Use with 09861-31200)
116	09861-31200	SEALANT CUTTING BLADE														●	Cutting the selalant of the windshield(Use with 09861-31100)
117	09861-31300	SEALANT GUN														●	Application of the sealant to the windshield
118	09977-29000	DISC & HUB BOLT REMOVER														●	Removal and installation of disc&hub assembly
119	0K130 160 010	CLUTCH DISC CENTERING TOOL		●													Used to install clutch disc to the center of flywheel
120	0K130 990 007	ENGINE STAND ASS'Y		●													Used to disassemble transaxle

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE	
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA		
121	0K552 111 001	CAM SHAFT PULLEY HOLDER		●												Holder of camshaft pulley
122	0K590 111 001	RING GEAR BRAKE		●												Protecting engine from rotating
123	0K670 140 015	OIL PRESSURE GAUGE		●												Measurement of oil pressure(Use with 09572-22100,09572-21200)
124	0K710 120 004	VALVE SEAL PUSHER		●												Installing valve seal
125	0K993 120 001	VALVE SPRING LIFTER ARM		●												Removal or installation of the valve spring
126	0K993 120 004	VALVE SPRING LIFTER PIVOT		●												Removal or installation of the valve spring
127	0K993 120 006	VALVE SEAL REMOVER		●												Removing valve seal
128	HSG1021	CAMSHAFT OIL SEAL INS.		●												Installation of the bearing outer race.

TERRACAN_HP (2.5 & 2.9)

No.	Part Number	TOOL NAME	IMAGE	APPLICATION											USAGE		
				EM	EE	CH	TR	DS	SS	ST	RT	BR	BD	HA			
129	HSG2001	MAIN SHAFT BEARING PULLER		●													1. Removal of bearing. 2. Removal of synchrozer hub
130	HSG2002	BEARING PULLER ADAPTER		●													Measurement of fuel pressure.
131	HSG2006	LOCK PIN INSTALLER		●													Installation of the front oil seal.
132	HSG2008	LOCK NUT WRENCH		●													Removal of the mainshaft lock nut.
133	HSG2009	INSTALLER CAP		●													installation of bearing.
134	HSG2010	INSTALLER - 200		●													Installation of bearing sleeve in over drive gear. (use with HSG2009)