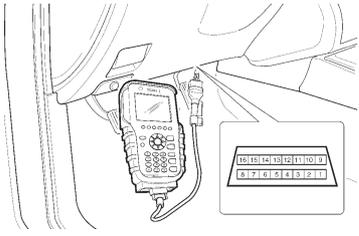
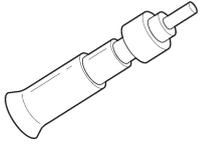
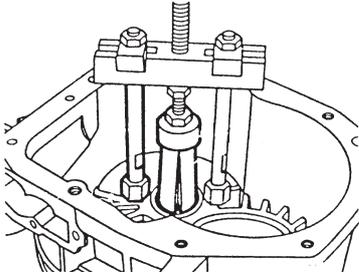
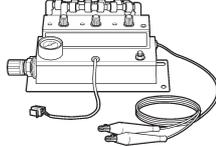
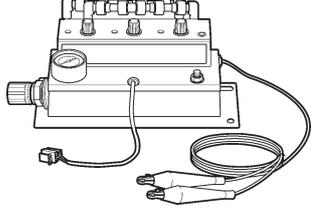
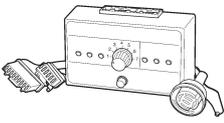
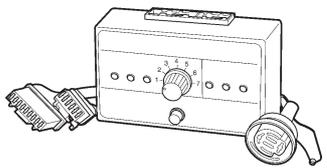


## **SECTION 3**

# **TRANSMISSION & TRANSAXLE**

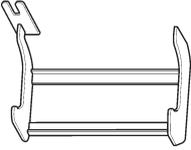
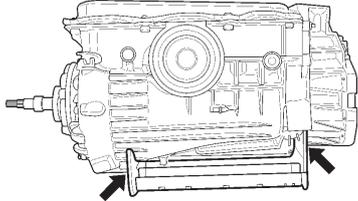
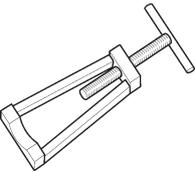
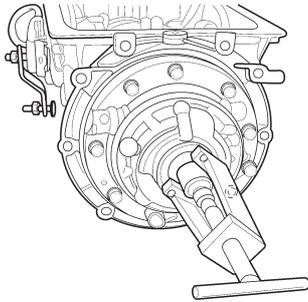
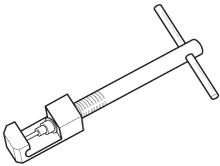
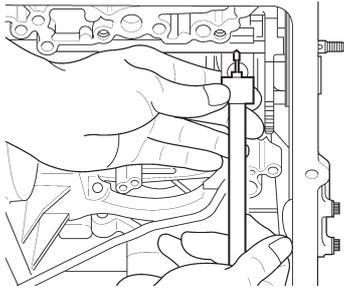
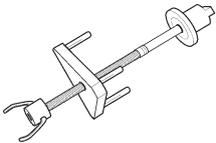
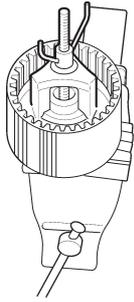
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3 - 2 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>SY-11017-A Scanner</b> (诊断仪器) 	A hand-held diagnostic computer used to analyze and diagnose the electronic control system such as engine, auto t/m and ABS, air bag. 	为一掌握型电脑, 用以分析和诊断控制系统, 例如: 发动机、自动变速箱、ABS和安全气囊。	O	O	O	O	O			
<b>000 589 28 33 00 Internal Puller</b> (轴承座拉拔器) 	Internal puller (28-37mm) 	为一内张式拉拔器(28-37mm)		O						O
<b>0555 - 332083 Solenoid/Themistor, Electronic Tester</b> (电磁阀/调节器之, 电子测试器) 	BTRA A/T Solenoid tester 	BTRA 自动变速箱电磁阀测试器	O		O	O	O	O		
<b>0555 - 336046 Solenoid, Bench Tester</b> (电磁阀工作测试台) 	BTRA A/T Teater bench 	BTRA自动变速箱测试台		O						O

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available  
 (A:基本要求, B:基本要求延伸, C:商业用途)

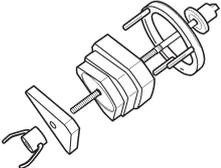
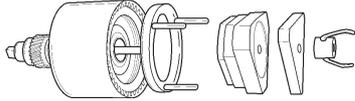
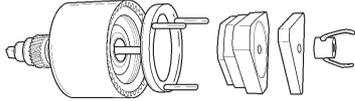
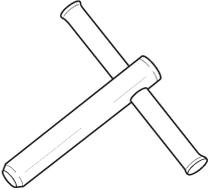
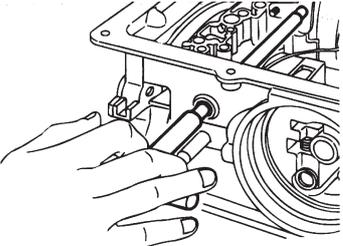
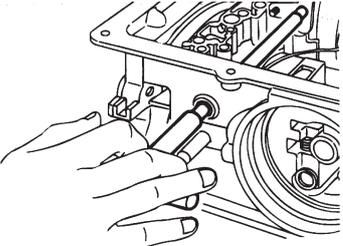
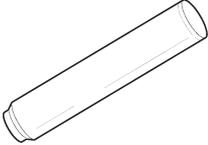
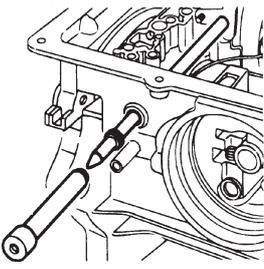
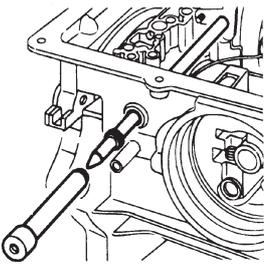
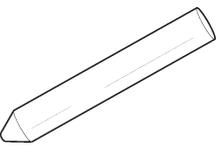
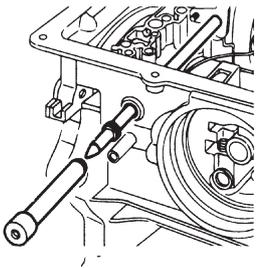
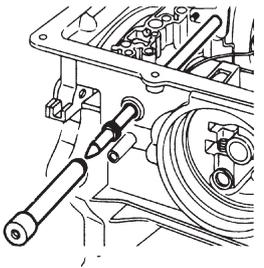
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>0555 - 336256</b> <b>Transmission</b> <b>Bench Cradle</b>  ( 变速箱工作台固定架 )  	For transmission support when removal and installation of tax  	当拆装变速箱组件时，用以 支撑变速箱壳使用之	O		O	O	O	O		
<b>0555 - 336257</b> <b>Pump Puller</b>  ( 油泵拉拔器 )  	For removal of oil pump  	油泵之拆卸工具	O		O	O	O	O		
<b>0555 - 336258</b> <b>Pin Remover/                      Installer tool</b>  ( 轴肖拆装工具 )  	For removal and installation of spring pin at cross shaft detent lever  	有关横向轴止推杆弹簧肖之 拆装工具	O		O	O	O	O		
<b>0555 - 336259</b> <b>Clutch Spring                      Compressor</b>  ( 离合器弹簧压缩器 )  	For compressing the spring when removal of clutch snap ring  	用以压缩离合器弹簧来拆除 离合器扣环	O		O	O	O	O		

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CLASS ( 等级 ) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

( A : 基本要求, B : 基本要求延伸, C : 商业用途 )

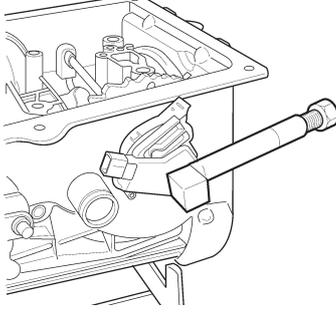
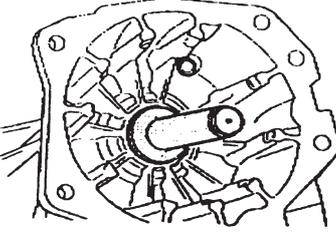
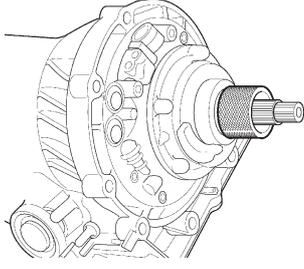
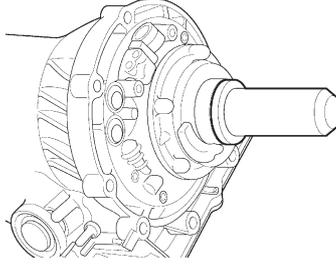
3 - 4 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>0555 - 336260</b> <b>Clutch Pack</b> <b>Clearance Kit</b>  (离合器片组量测工具)  	For checking the clearance of C4 clutch plate  	用以检查离合器片间隙  	O		O	O	O	O		
<b>0555 - 336261</b> <b>Seal Remover</b> <b>(Cross Shaft)</b>  (横向轴油封拆卸器)  	For disassembling of cross shaft oil seal  	用以拆除横向轴油封  	O		O	O	O	O		
<b>0555 - 336262</b> <b>Cross Shaft Seal</b> <b>Installer</b>  (横向轴油封安装器)  	To install the seal with rubber hammer for assembly of cross oil seal  	配合塑胶榔头来组装横向轴油封  	O		O	O	O	O		
<b>0555 - 336263</b> <b>Assembly Bullet</b> <b>Cross Shaft</b>  (油封组装护套)  	For protecting the seal when assembling cross shaft oil seal  	当组装横向轴油封时用以保护油封免于损坏  	O		O	O	O	O		

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

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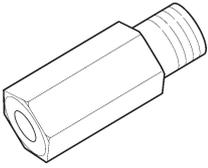
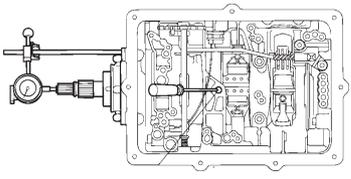
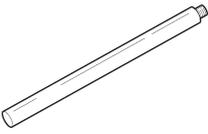
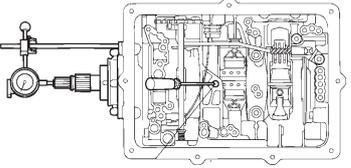
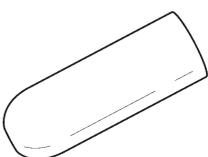
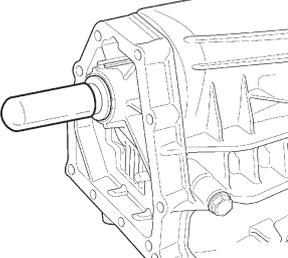
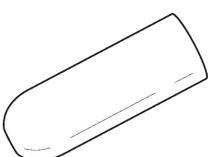
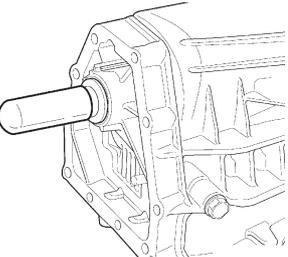
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>0555 - 336265</b> <b>Pin Re/Installer</b> <b>(Inhibitor Switch)</b> (抑制开关固定肖 拆装器)	To install and remove the pin for fixing the inhibitor switch 	用以拆装抑制开关固定肖	O		O	O	O	O		
<b>0555 - 336266</b> <b>Seal Installer</b> <b>Adapter HSG</b> (油封安装器)	To install the seal for extension housing 	用以安装延伸盖油封	O		O	O	O	O		
<b>0555 - 336267</b> <b>Pump Alignment</b> (校正工具)	For angle checking when assembly of oil pump 	当组装油泵时用以检查角度	O		O	O	O		O	
<b>0555 - 336268</b> <b>Pump Seal Installer</b> (泵浦油封安装器)	For assembling of oil seal of oil pump 	用以组装油泵之油封	O		O	O	O		O	

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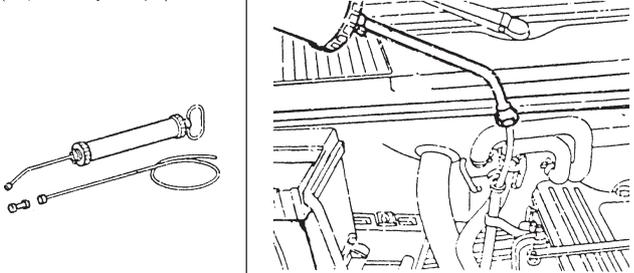
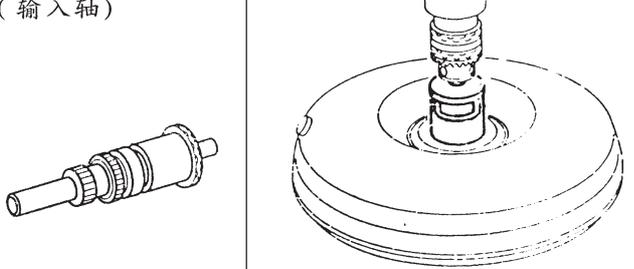
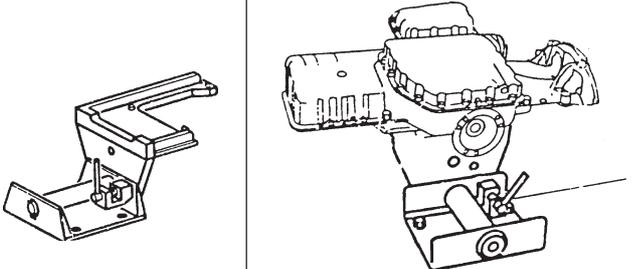
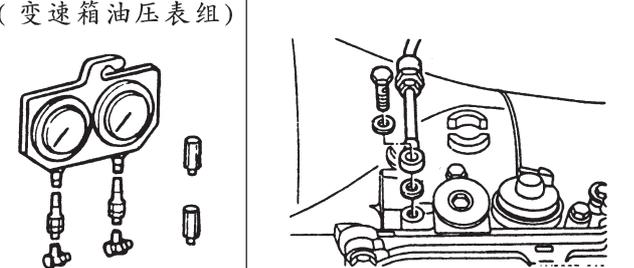
3 - 6 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>0555 - 336269</b> <b>End Float Adapter</b> (端间隙量测导座)	For housing connecting when checking the gap of mission after assembling	在组装后当要检查变速箱间隙时使用	O		O	O	O			O
										
<b>0555 - 336270</b> <b>End Float Adapter</b> (端间隙量测轴)	For installation of dial gauge at adapter connecting the housing	配合器连接壳上安装千分表之用	O		O	O	O			O
										
<b>0555 - 336271</b> <b>Input Shaft Bullet</b> (输入轴保护套)	For protecting the seal when assemble the oil seal of presser shaft	当组装输入轴油封时用以保护油封	O		O	O	O			O
										
<b>0555 - 336302</b> <b>Output Shaft Bullet</b> (输出轴保护套)	For protecting the seal when assemble the oil seal of presser shaft	当安装输出轴油封时用以保护油封	O		O	O	O			O
										

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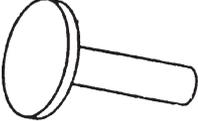
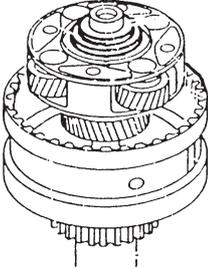
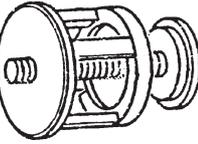
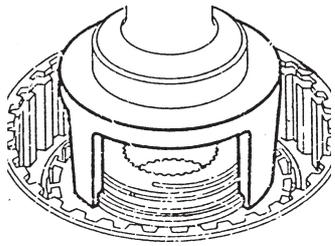
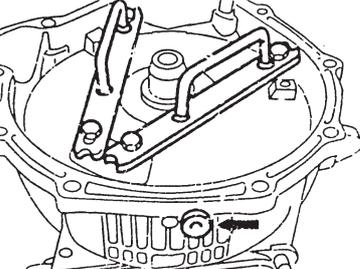
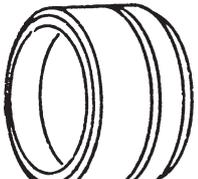
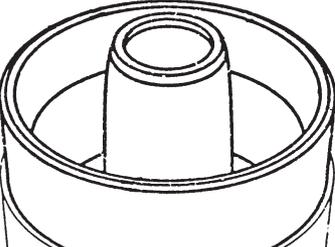
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>112 589 00 72 00</b> <b>Oil Hand Pump</b> (手动式油泵) 	Hand pump with, 1,000mm long for removing oil and flushing oil cooler	长1000mm, 用以吸油或冲洗油冷却器	○		○	○	○		○	
<b>116 589 00 15 00</b> <b>Flushing Input Shaft</b> (输入轴) 	Input shaft for flushing torque converter	用以冲洗扭力变换器	○		○	○	○	○		
<b>116 589 06 59 00</b> <b>Assembly Support</b> (组装架) 	Assembly support of automatic transmission over haul	自动变速箱分解时使用	○		○		○	○		
<b>123 589 04 21 00</b> <b>Trans Pressure Gauge Set</b> (变速箱油压表组) 	To test the modulating pressure, the governor pressure and the working pressure	用以测试调节压力、调速器压力和工作压力	○		○	○	○	○		

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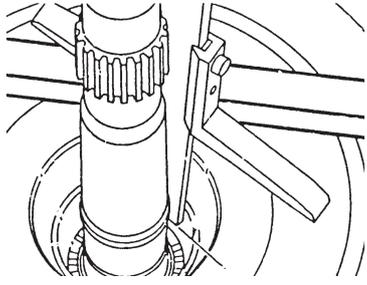
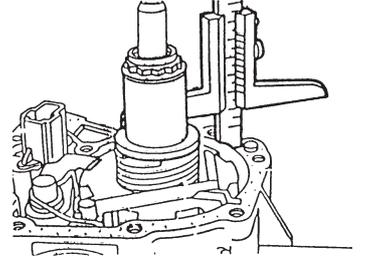
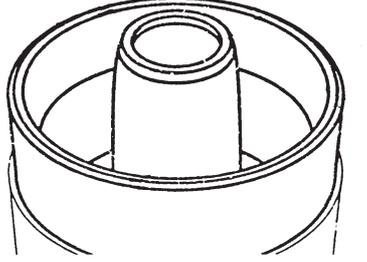
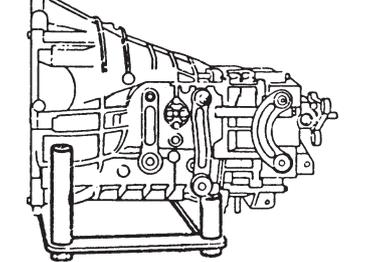
3 - 8 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>126 589 00 35 00</b> <b>Assembly Fixture</b> ( 组装架 ) 	Assembly fixture for radial ball bearings on input shaft and for assembly of complete gear set 	用以组装在输入轴上之径向滚珠轴承和组装整个行星齿轮组时使用	O		O		O		O	
<b>126 589 00 43 00</b> <b>Clamping Device</b> ( 固定夹 ) 	Assembly top for spring retainer/ clutch piston 	用以组装弹簧固定座和离合器活塞	O		O		O		O	
<b>126 589 01 62 00</b> <b>Torque Convert Mendel</b> ( 扭力变换器固定板 ) 	Handles (2each) for removal and installation of torque converter 	用以拆装扭力变换器(二片)	O		O	O	O		O	
<b>126 589 02 14 00</b> <b>Sleeve</b> ( 衬套 ) 	Sleeve for installing clutch piston K1 (118mm) in out plate carrier (in combination with sleeve 126 589 10 14 00) 	安装离合器活塞K1(118mm)至行星架中(与衬套126 589 10 1400)相配合使用	O		O		O	O		

MODEL ( 车型 ) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS ( 等级 ) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

( A : 基本要求, B : 基本要求延伸, C : 商业用途 )

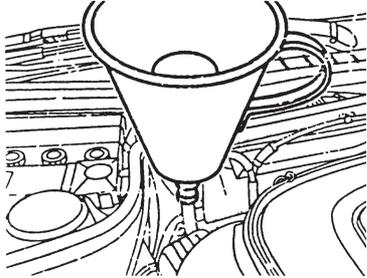
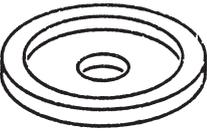
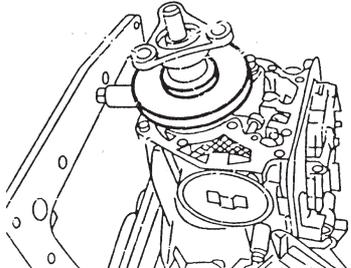
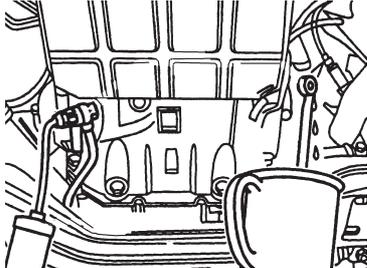
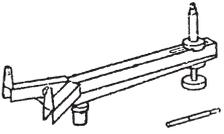
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>126 589 04 31 00</b> <b>Parallel Support</b> (平面量规)	Parallel support for measuring axial play at front and rear planetary gear train 	用以量测在前后端行星齿轮组之轴向间隙	O		O		O		O	
<b>126 589 06 14 00</b> <b>Measuring Sleeve</b> (量套)	Measuring adjustment of input shaft (clutch K2) 	输入轴之测量调整(K2离合器)	O		O		O	O		
<b>126 589 10 14 00</b> <b>Sleeve</b> (衬套)	Sleeve for installing clutch piston K1 (118mm) in out plate carrier 	用以安装离合器活塞K1 (118mm)于行星架中	O		O		O	O		
<b>126 589 10 63 00</b> <b>Plate-Trans Mounting</b> (变速箱固定板)	Mounting picture for attaching transmission to assembly 	用以固定变速箱以便于组装	O		O		O			O

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(A:基本要求, B:基本要求延伸, C:商业用途)

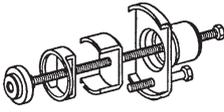
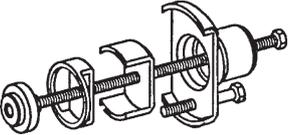
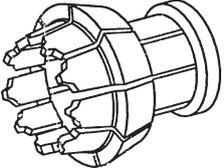
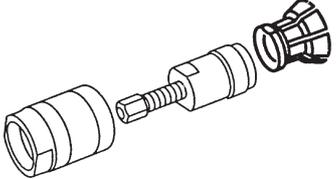
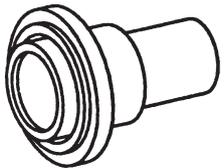
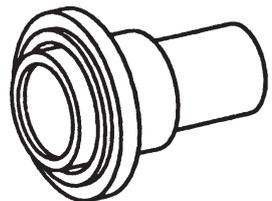
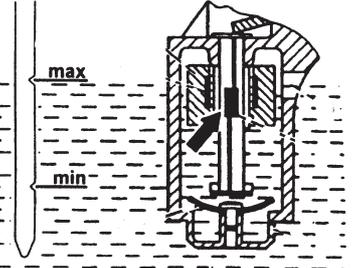
3 - 10 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<p><b>126 589 12 63 00</b> <b>Funnel</b></p> <p>(漏斗)</p> 	<p>Funnel complete for adding oil Component : filter 000 584 47 25</p> 	<p>用以添加油时使用组件:滤网 00 584 47 25</p>	O		O	O	O	O		
<p><b>129 589 06 23 00</b> <b>Measuring Disk</b></p> <p>(测量板)</p> 	<p>Measuring disk for measuring endplay of rear planetary gear train</p> 	<p>用以测量后行星齿轮组之端隙</p>	O		O		O	O		
<p><b>210 589 00 71 00</b> <b>Hand Pump</b></p> <p>(手泵)</p> 	<p>Fill the hand pump with kerosene and screw one of the two oil coolerlines onto the hand pump</p> 	<p>补充火油在手泵内部，然后在在机油冷却器管用手泵把不纯物泵出来</p>				O		O		
<p><b>140 589 02 32 00</b> <b>Mounting Device</b></p> <p>(固定装置)</p> 	<p>Replacement 140 589 02 62 00 fitting for removal and installation of automatic transmission</p> 	<p>取代 140 589 02 62 00来固定自动变速箱便于拆装</p>	O		O	O	O		O	

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(A:基本要求, B:基本要求延伸, C:商业用途)

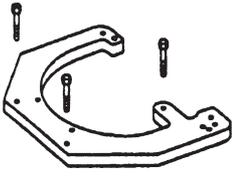
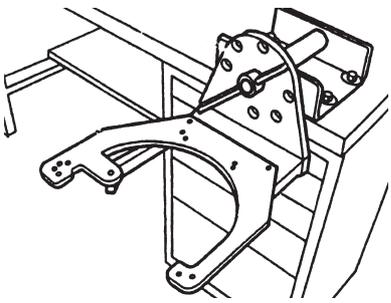
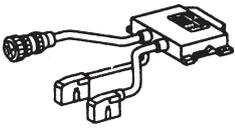
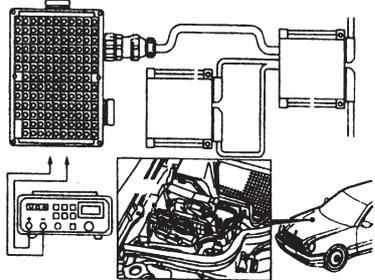
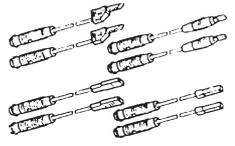
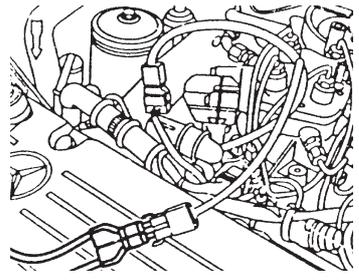
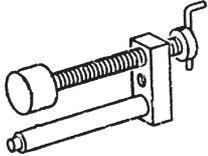
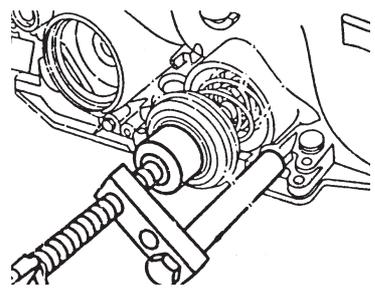
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>140 589 03 43 00</b> <b>Installation Tool</b> ( 安装工具 )  	Clutch installation tool	离合器安装工具				O		O		
<b>140 589 06 34 00</b> <b>Collet Chuck</b> ( 开槽式夹头 )  	To install and remove the ball bearing of output shaft.	用以拆装输出轴之滚珠轴承				O			O	
<b>140 589 12 15 00</b> <b>Drift Punch</b> ( 配合冲 )  	To install the seal for extension housing	用以安装延伸壳油封				O		O		
<b>140 589 15 21 00</b> <b>Dipstick</b> ( 油尺 )  	To measure the oil lever. Insert it until it touches the bottom.	用以测量变速箱油位				O		O		

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CLASS ( 等级 ) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

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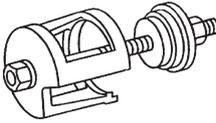
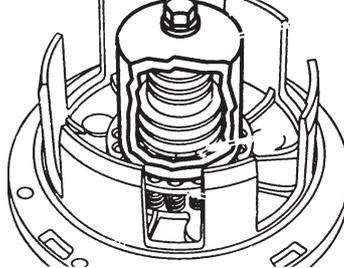
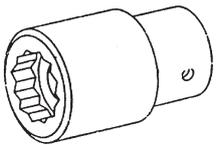
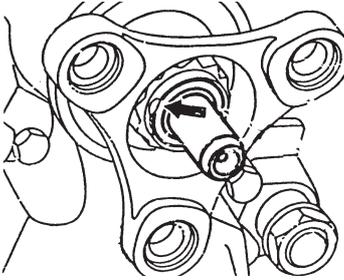
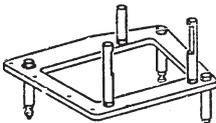
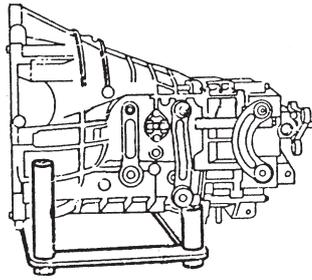
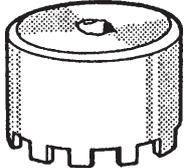
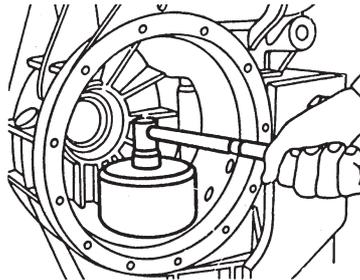
3-12 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>140 589 34 63 00</b> <b>Mounting Plate</b> (固定盘) 	Secure the transmission on the mounting plate 	有关固定变速箱的工具	O	O	O	O	O	O	O	O
<b>140 589 43 63 00</b> <b>Test Cable-30 Pole Can</b> (30pin测试线) 	To diagnose ECU and Sensor with contact box(129 589 00 21 00) 	与连接盒(129 589 00 21 00)联结用以诊断ECU和感知器				O		O		
<b>201 589 00 99 21</b> <b>Adapter Line</b> (搭配线) 	Connecting line used for sensor test 	有关测试感知器之搭配线	O	O	O	O	O	O		
<b>201 589 03 59 00</b> <b>Assembly Fixture</b> (组装架) 	Assembly tool for brake band piston B1 	有关制动带活塞B1之组装工具	O		O		O	O		

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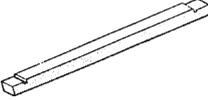
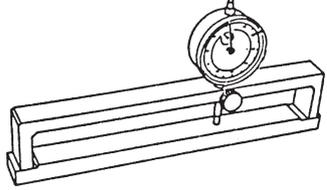
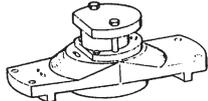
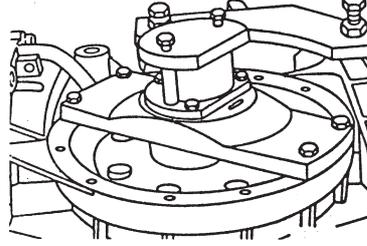
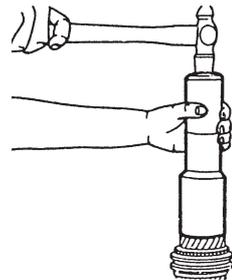
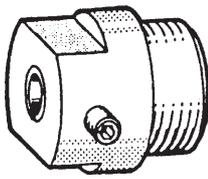
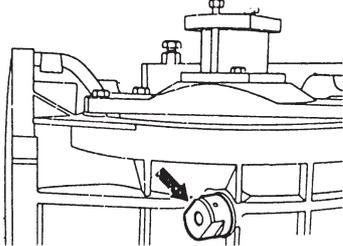
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>201 589 12 43 00</b> <b>Assembly Tool</b> ( 组装工具 ) 	Assembly Tool. K1. K2 and B3 clutch retainer 	有关K1, K2和K3离合器座之 组装工具	O		O		O	O		
<b>631 589 00 08 00</b> <b>Pin Spanner</b> ( 固定肖扳手 ) 	Pin spanner for loosening slot nut on transmission main shaft 	有关放松在变速箱主轴上螺 帽使用				O			O	
<b>631 589 00 19 00</b> <b>Adjusting Gauge</b> ( 调整规 ) 	Adjusting gauge for measuring bridge (631 589 03 19 00) 	有关量架之调整规 (631 589 03 19 00)		O				O		
<b>631 589 00 21 00</b> <b>Centering &amp; Measuring</b> ( 中心测量工具 ) 	Centering and Measuring device for crown wheel 	有关盆形齿轮之对中与测量 装置		O					O	

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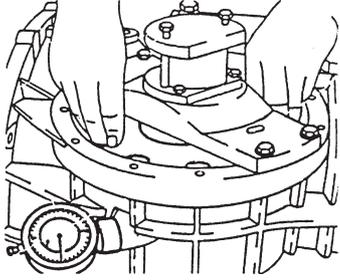
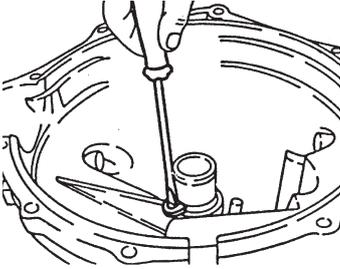
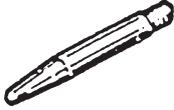
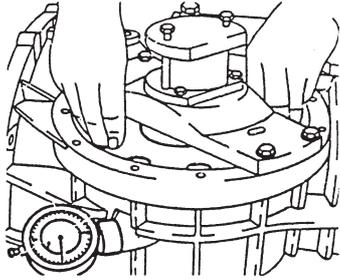
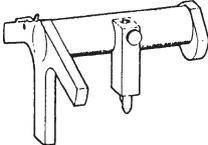
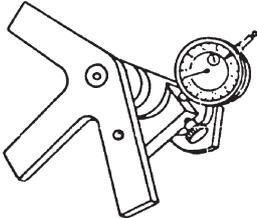
3 - 14 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>631 589 00 35 00</b> <b>Drift</b> (导座)	Mandrel for pushing-off 3rd gearwheel, synchronizing body and 4th gearwheel  	用以推离三档齿轮、同步器本体和四档齿轮		O					O	
<b>631 589 00 40 00</b> <b>Dial Gauge Holder</b> (千分表固定座)	Dial gauge holder for probing backlash (bebel gear and crown)  	用以量测盆形齿轮与角齿轮之背隙		O					O	
<b>631 589 01 08 00</b> <b>Pin Spanner</b> (固定肖板手)	Pin spanner for slot nut of 1st gear wheel on main shaft  	用以拆除主轴上之一档齿轮螺帽		O					O	
<b>631 589 01 14 00</b> <b>Guide Sleeve</b> (导座)	Guide sleeve for installing of input shaft  	用以安装输入轴		O					O	

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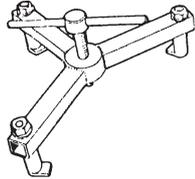
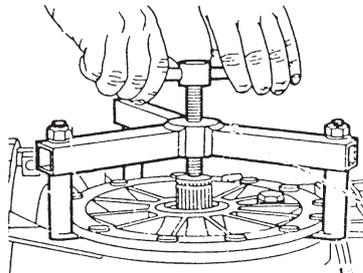
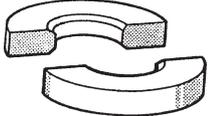
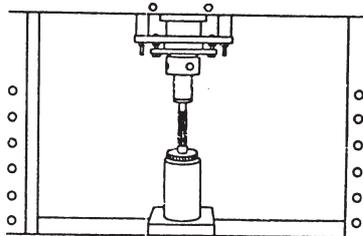
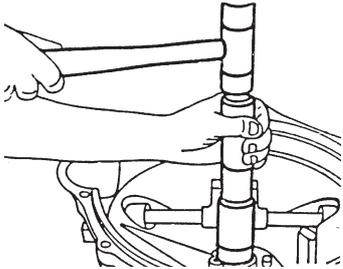
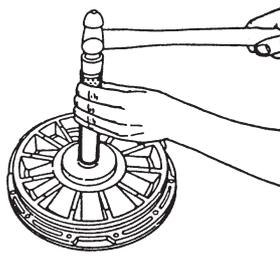
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>631 589 01 19 00</b> <b>Dial Gauge</b> <b>Extension</b> (千分表延伸杆) 	Checking for backlash 	用以检查背隙		O						O
<b>631 589 01 21 00</b> <b>Drive Pinion</b> <b>Gauge</b> (驱动小齿轮量规) 	Adjusting device for drive pinion 	有关驱动小齿轮调整装置		O						O
<b>631 589 01 33 00</b> <b>Puller</b> (拉拔器) 	Puller for lateral transmission cover 	变速箱侧盖拉拔器		O					O	
<b>631 589 01 34 00</b> <b>Pressing-Off Ring</b> (压离式夹环) 	Pressing off ring for removal of 3rd gearwheel on main shaft 	用以拆除在主轴上之三档齿 轮		O					O	

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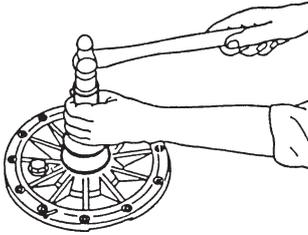
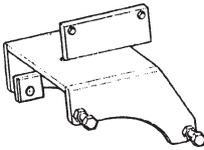
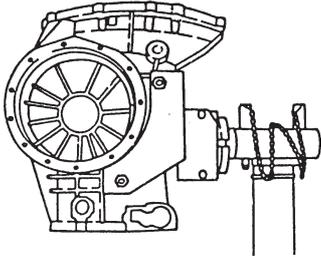
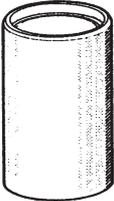
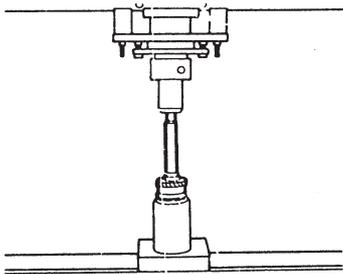
3 - 16 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>631 589 01 35 00</b> <b>Drift</b> (导座) 	Mandrel for pressing out tapered roller bearing races in differential 	用以压出在差速器中之滚柱轴承座		O					O	
<b>631 589 02 34 00</b> <b>Pressing off Ping</b> (固定夹) 	Pressing off ring removal of speedometer drive gear 	用以拆卸码表驱动齿轮		O					O	
<b>631 589 02 35 00</b> <b>Drift</b> (配合冲) 	Drift for crankshaft 	用以敲出主轴		O					O	
<b>631 589 03 19 00</b> <b>Measuring Bridge</b> (量架) 	Bridge holding the gauge for measuring the dimension on crown wheel 	用以量测盆形齿轮上之尺寸		O					O	

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

(A:基本要求, B:基本要求延伸, C:商业用途)

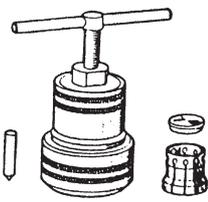
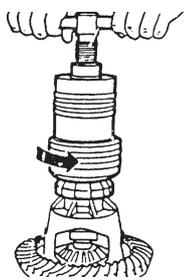
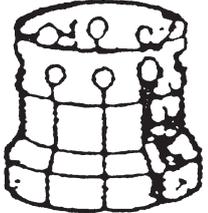
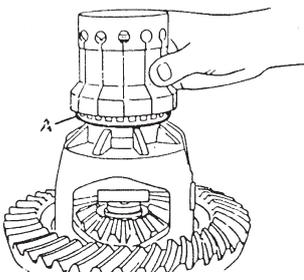
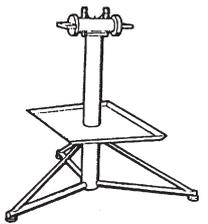
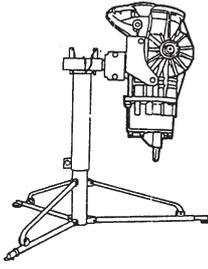
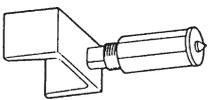
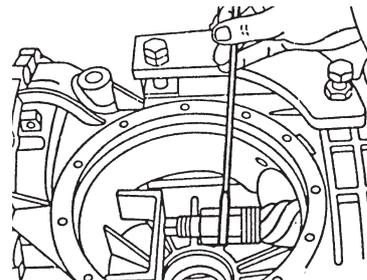
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>631 589 03 35 00</b> <b>Drift</b> (导座) 	Mandrel for pressing in needle bearing 3rd and 4th gearwheel of input shaft 	用以安装三档和四档齿轮上之针状轴承		O					O	
<b>631 589 04 35 00</b> <b>Drift</b> (导座) 	Mandrel for pressing-in tapered roller bearing outer races in differential 	用以安装在差速器滚柱轴承之固定座		O					O	
<b>631 589 04 41 00</b> <b>Assembly Holder</b> (组装架) 	Assembly holder for transmission together with - 631 589 09 41 00 	与631 589 09 41 00配合用以组装变速箱		O					O	
<b>631 589 05 41 00</b> <b>Sleeve</b> (衬套) 	Spacing sleeve for pushing-off gearwheels on mainshaft used together with 631 589 01 34 00 and 631 589 02 34 00 	与631 589 01 34 00和631 589 02 34 00配合用以拆卸主轴上之齿轮		O					O	

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

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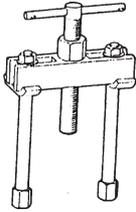
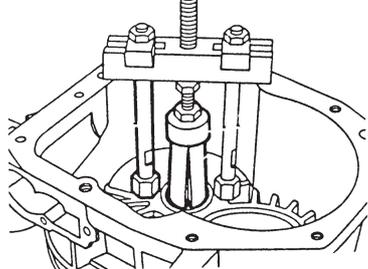
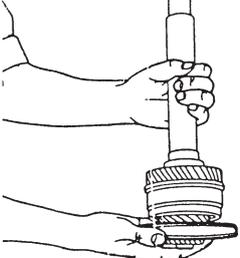
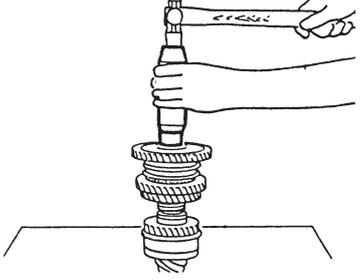
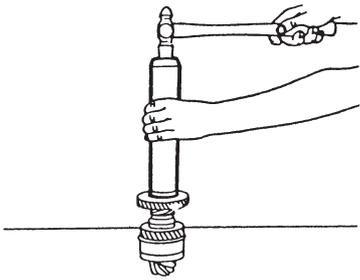
3 - 18 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<p><b>631 589 09 33 00</b> <b>Puller</b></p> <p>(拉拔器)</p> 	<p>Collet for tapered rolled bearing on differential</p> 	用以拆卸差速器滚柱轴承		O						O
<p><b>631 589 09 33 02</b> <b>Griper</b></p> <p>(开槽式夹头)</p> 	<p>Puller for tapered rolled bearings</p> 	用以拆卸滚柱轴承		O						O
<p><b>631 589 09 41 00</b> <b>Assembly Jack</b></p> <p>(组装千斤顶)</p>  <p>OLD BOSCH</p>	<p>Assembly jack for transmisson repairs</p> 	用以修理变速箱时使用		O						O
<p><b>631 589 12 33 00</b> <b>Pushing - Out Fixture</b></p> <p>(推离式固定架)</p> 	<p>Pushing - out Fixture for main shaft with drive pinion</p> 	用以拆卸主轴与驱动小齿轮		O						O

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

(A:基本要求, B:基本要求延伸, C:商业用途)

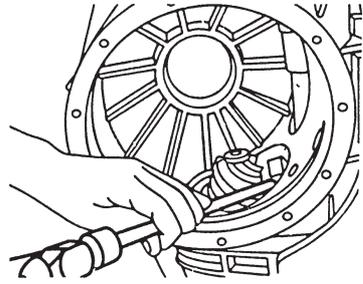
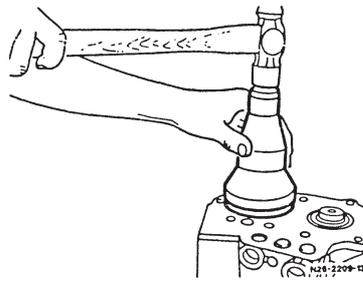
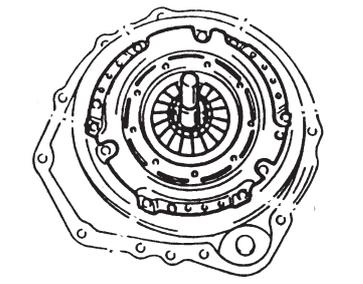
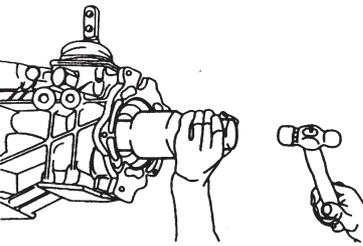
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>631 589 13 33 00</b> <b>Counter Holder</b> ( 反向固定架 ) 	Countersupport for pulling out bearing of input shaft, in combination with internal puller 000 589 28 33 00 	与内张式拉拔器000 589 28 33 00配合来拆卸输入轴之轴承 		O					O	
<b>631 589 14 33 00</b> <b>Pushing off Ring</b> ( 推离式夹环 ) 	Pushing off ring for removal of 1st gearwheel 	用以拆卸一档齿轮 		O					O	
<b>631 589 16 35 00</b> <b>Drift</b> ( 配合冲 ) 	Mandrel for pressing-in needle bearing inner race of 2nd gearwheel 	用以拆卸二档齿轮之针状轴承内座 		O					O	
<b>631 589 17 35 00</b> <b>Drift</b> ( 配合冲 ) 	Mandrel for pressing-in main shaft bearing 	用以拆卸主轴轴承 		O					O	

MODEL ( 车型 ) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS ( 等级 ) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

( A : 基本要求, B : 基本要求延伸, C : 商业用途 )

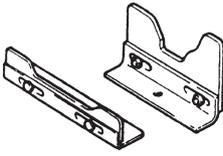
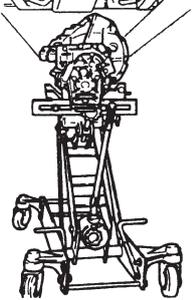
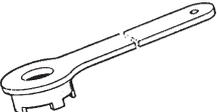
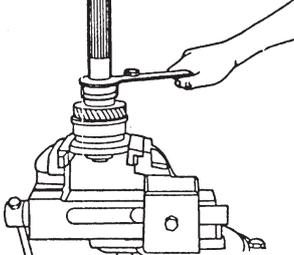
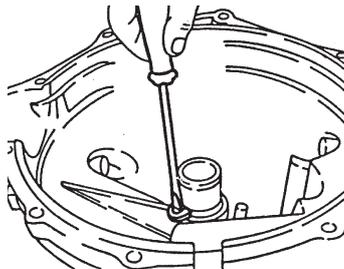
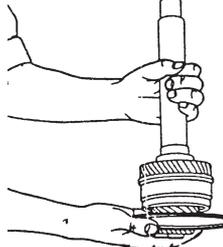
3 - 20 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>631 589 18 35 00</b> <b>Drift</b> (配合冲)	Mandrel for loosening slot nut on double tapered roller bearing of main shaft 	用以拆卸主轴双滚柱轴承上之螺帽		O					O	
<b>631 589 19 35 00</b> <b>Drift</b> (配合冲)	Mandrel for pressing bearing of countershaft into housing 	用以安装副轴轴承至外壳中		O					O	
<b>661 589 00 15 00</b> <b>Centering Mandrel</b> (中心冲)	To align the clutch assembly to the flywheel 	用以对正离合器总成与飞轮中心		O					O	
<b>661 589 00 43 00</b> <b>T/M Oil Seal Installer</b> (变速箱油封保护器)	To install the seal for extension housing 	用以安装延伸壳油封	O		O			O	O	

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

(A:基本要求, B:基本要求延伸, C:商业用途)

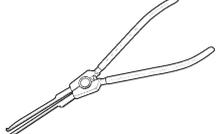
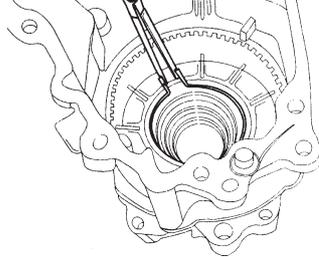
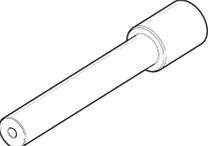
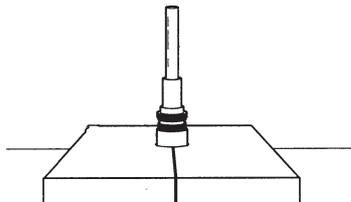
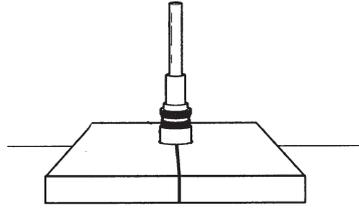
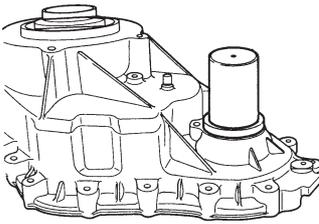
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>661 589 00 62 00</b> <b>Holding Fixture for T/M</b> ( 变速箱固定架 ) 	To install and remove the T/M. 	用以拆装变速箱		O						O
<b>661 589 01 19 00</b> <b>Dial Gauge Extention</b> ( 千分表延伸杆 ) 	Dial gauge extention for probing backlash 	用以测量背隙		O						O
<b>661 589 01 21 00</b> <b>Adjusting Device</b> ( 调整装置 ) 	Adjusting device for drive pinion 	驱动小齿轮之调整装置		O						O
<b>661 589 01 33 00</b> <b>Pushing off Ring</b> ( 推离式夹环 ) 	Ring for removal of 1st gearwheel (40:9) 	用以拆卸一档齿轮(40:9)		O						O

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

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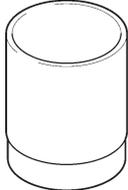
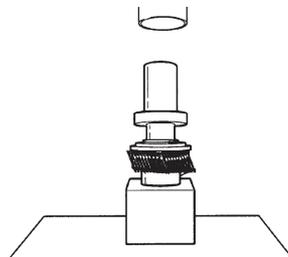
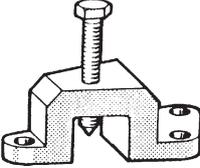
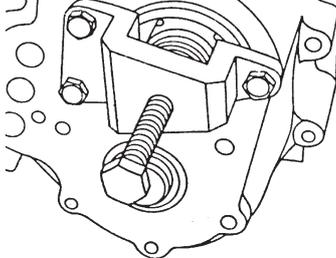
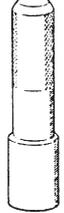
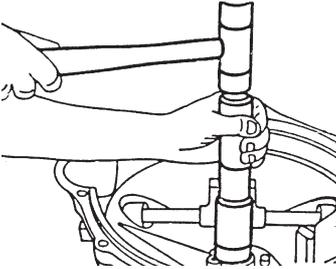
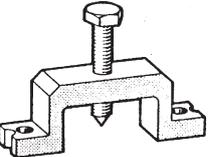
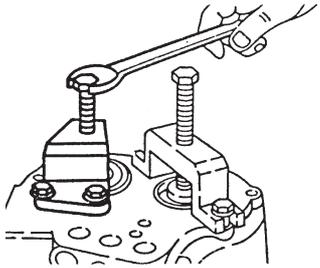
3 - 22 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>661 589 01 37 00</b> <b>T/C Carrier In &amp; Remover Plier</b>  (加力箱行星架拆装钳)  	Plier for removal and installation of carrier assembly of transfer case  	用以拆装加力箱行星架总成	O		O		O		O	
<b>SY 220-060</b> <b>Bearing Remover &amp; Installer</b>  (轴承拆装工具)  	For removal and installation of input shaft bearing  	用以拆装输入轴轴承	O		O		O		O	
<b>SY 220-070</b> <b>Input Shaft Support</b>  (输入轴支架)  	Support plate for removal and installation of input bearing and pinion bearing  	用以拆装输入轴轴承与驱动小齿轮轴承	O		O		O		O	
<b>SY 220-080</b> <b>Oil Seal Installer</b>  (油封安装器)  	For assembling of oil & seal of transfer case  	用以组装加力箱油封	O		O		O		O	

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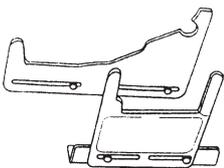
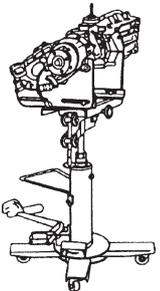
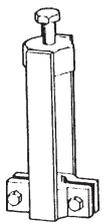
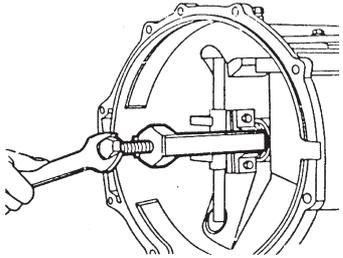
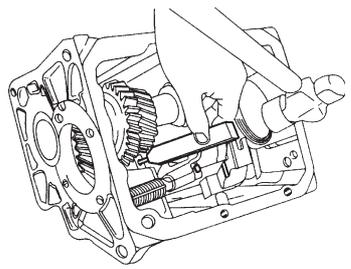
TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>SY 220-090</b> <b>Bearing Installer</b> (轴承安装器) 	For installation of input shaft bearing 	用以安装输入轴轴承	O		O		O			O
<b>661 589 02 33 00</b> <b>Pressing Off Fixture</b> (压离式固定架) 	Pressing Off Fixture for intermediate housing in combination with 661 589 03 33 00 	与661 589 03 33 00配合用以拆卸中间壳		O						O
<b>661 589 02 35 00</b> <b>Mandrel</b> (配合冲) 	Mandrel for removal of guide sleeve of clutch bearing 	用以拆卸离合器轴承导座衬套		O					O	
<b>661 589 03 33 00</b> <b>Pressing Off Fixture</b> (压离式固定架) 	Pressing off fixture for removal and installation of snap ring of manual transmission 	用以拆装手排变速箱扣环		O						O

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

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3 - 24 (TRANSMISSION & TRANSAXLE)

TOOL NUMBER AND DESCRIPTION	APPLICATION		MODEL					CLASS		
	ENGLISH	OTHER LANGUAGE	M	I	K	C	R	A	B	C
<b>661 589 04 62 00</b> <b>T/M Fixture</b> (手排变速箱固定架) 	For removal and installation of manual transmission 	用以拆装手排变速箱	O		O		O	O		
<b>661 589 07 33 00</b> <b>Puller</b> (拉拔器) 	Puller for drive shaft guide sleeve 	用以拆卸驱动轴导座衬套		O				O		
<b>661 589 14 33 00</b> <b>T/M Idler Gear Roll Pin Installer</b> (变速箱惰轮滚动 肖安装器) 	Installing tool for pressing roll pin of manual transmission 	用以安装手排变速箱滚动肖	O		O		O	O		

MODEL (车型) - M : Musso, I : M100, K : Korando, C : Chairman, R : Rexton

CLASS (等级) - A : Mandatory Basic, B : Extended Mandatory Basic, C : Commercially Available

(A:基本要求, B:基本要求延伸, C:商业用途)