





Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Ring Gear		114 29 06				
	Rear Pump Body Assembly		114 29 07				
	Main Regulator Assembly		114 29 08				
	Pan for AS2-8G		114 56 01				
	Pan for AS4-8G & 100700008		114 56 02				
	Output Shaft		114 57 01				
	Output Shaft Roller Bearing		114 46 01				
	Governor		114 59 01				
	Valve Body Assembly		114 61 01				
	Gearset		114 66 01				
	Front Servo		114 67 01				
	Rear Servo		114 67 02				
	Rear Servo - Matbro		114 67 03				
	Rear Servo Adjusting Screw		114 67 04				
	Front Servo Strut		114 67 05				
	Rear Servo Apply Strut		114 67 06				
	Rear Brake Anchor Strut		114 67 07				
	<b>MISCELLANEOUS</b>						
	Breather		114 29 09				
	Ext Inspection Cover		114 29 10				
	Manual Valve Lever Shaft		114 29 11				
	Park Pawl		114 29 12				
	Oil Collector Sleeve		114 29 13				
	Throttle Control Rod		114 29 14				
	Speedo Drive Gear		114 60 01				
	Park Pawl Release Spring		114 29 15				
	Front Clutch Piston		114 45 01				
	Rear Clutch Piston 5 plate		114 45 02				
	Rear Clutch Piston 4 plate		114 45 03				

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KITS</b>				Rear pump body		114 21 17
	Master Overhaul		115 01 01		<b>THRUST WASHERS</b>		
	Overhaul		115 02 01		Input shaft all exc. 1003 000 021		114 22 01
	Gasket & Rubber		115 03 01		Input shaft only 1003 000 021		115 22 01
	Gasket Set		115 04 01		Front clutch hub		114 22 02
	Rubber Kit		115 05 01		Front clutch cylinder bronze		114 22 03
	Shaft Sealing Ring Kit		115 06 01		Front clutch cylinder steel		114 22 04
	Thrust Washer Kit		115 10 01		Primary sun gear front		114 22 05
	<b>GASKETS</b>				Sungear needle thrust plate		115 22 02
	Pan		114 25 01		Sungear needle bearing		115 23 01
	Ext. Bearing Retainer		114 25 03		Output Sel 0.061" to 0.064" Exc. 021		114 22 07
	Ext. Housing to rear adaptor		115 25 01		0.067" to 0.070"		114 22 08
	Rear Adaptor to case		115 25 02		0.074" to 0.077"		114 22 09
	Inspection Cover		114 25 06		0.081" to 0.083"		114 22 10
	<b>RUBBER COMPONENTS</b>				0.092" to 0.094"		114 22 12
	Pump to case lathe cut		114 17 01		Output Sel;0.061" to 0.064" only 021		115 22 03
	Front clutch inner "O" ring		114 16 02		0.067" to 0.070"		115 22 04
	Front clutch outer lathe cut		114 17 02		0.074" to 0.077"		115 22 05
	Rear clutch inner "O" ring		114 16 03		0.081" to 0.084"		115 22 06
	Rear clutch outer lathe cut		114 17 03		<b>CIRCLIPS</b>		
	Front servo piston "O" ring small		114 16 04		Front & rear clutch		114 32 01
	Front servo piston "O" ring large		114 16 05		Front clutch diaphragm spring		114 32 02
	Front servo sleeve lathe cut		114 17 04		Rear clutch spring		114 32 03
	Front servo release piston "O" ring		115 16 06		Ring gear		114 32 04
	Rear servo "O" ring (AS2-12J)		114 16 06		One way clutch outer race		114 32 05
	Rear servo "O" ring (others)		115 16 04		Governor		114 32 06
	Solenoid "O" ring		115 16 03		Front clutch piston split ring		114 32 07
	Solenoid terminal "O" ring		115 16 05		Driven shaft bearing		114 32 08
	Modulator "O" ring		115 16 06		Front servo sleeve		114 32 09
	<b>METAL CLAD SEALS</b>				Rear servo spring (AS2-12J only)		114 32 10
	Pump 68 x 49 x 10		114 15 01		Rear servo spring (exc. AS2-12J)		115 32 01
	Ext. except Fiat 78 x 53 x 13		115 15 01		<b>MODULATORS</b>		
	Ext. Fiat only 78 x 51 x 13		115 15 02		Large cannister		115 28 01
	Control Shaft 29 x 19 x 5		114 15 03		Small cannister (std - brown stripe)		115 28 02
	<b>SHAFT SEALING RINGS</b>				Small cannister V12 5.3 litre Jag (orange stripe)		115 28 03
	Forward sun gear front	2	114 26 01		Push rod		115 28 04
	Forward sun gear centre	2	114 26 03		Push rod (Matbro Fork Lift only)		115 28 05
	Forward sun gear rear	2	114 26 05		<b>HARD PARTS</b>		
	Driven shaft (Governor) Butt joint	4	115 26 01		Transmission case for AS2-12A		115 53 01
	Driven shaft (Governor) Lock joint	4	115 26 04		Transmission case exc AS2-12A		115 53 02
	<b>CLUTCH PLATES</b>				Extension housing		115 54 01
	Front & rear friction	A/R	114 11 01		Driven shaft bearing retainer		115 54 02
	Front steel	A/R	114 12 01		Front pump		115 38 01
	Rear steel	A/R	114 12 02		Short pump		115 38 02
	Rear friction sintered	A/R	115 11 02		Stator support		115 39 01
	Front clutch pressure	1	114 13 01		Input shaft		115 64 01
	Rear clutch pressure	1	114 13 02		Front clutch hub		114 29 01
	Front clutch diaphragm spring	1	114 24 01		Front clutch cylinder		115 29 01
	<b>BRAKE BANDS</b>				Front drum assy AS2-12A & AS2-12J		115 29 02
	Front rigid band (49mm wide straight lugs)		115 14 01		Front drum assy exc above		115 29 03
	Front rigid band (49mm wide offset lugs)		115 14 03		Forward sun gear		115 65 01
	Front flex band		115 14 02		Centre support		114 43 01
	Rear rigid band		114 14 02		One way clutch AS2-12A only		115 44 01
	<b>BUSHES &amp; BEARINGS</b>				OWC outer race AS2-12A only		115 29 04
	Front pump body		114 21 01		One way clutch exc AS2-12A		114 44 01
	Front pump gear		114 21 02		OWC outer race exc AS2-12A		114 29 05
	Case		114 21 03		Gearset assembly		115 66 01
	Stator support front		115 21 01		Rear adaptor 021 & 022 only		115 29 05
	Stator support rear		114 21 04		Rear adaptor exc 021 & 022		115 29 06
	Input shaft		114 21 05		Governor AS2-12A & AS2-12J		115 59 01
	Rear clutch drum needle		114 21 06		Governor 1003 000 010 & 022		115 59 02
	Rear clutch drum rear		114 21 07		Governor Matbro		115 59 03
	Case centre support		114 21 09		Ring gear		114 29 06
	Gearset inner		114 21 13		Output shaft		115 57 01
	Gearset outer		114 21 14		Valve body AS2-12A & AS2-12J		115 61 01
	Output shaft oil delivery sleeve		114 21 15		Valve body 010 & 022		115 61 02
					Valve body Matbro		115 61 03



Iss 16/05/97

3 speed cast iron case, rear wheel drive, vacuum pressure control  
Larger European & American vehicles. 1963 to 1974**BORG-WARNER 12**

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Driven shaft bearing		114 46 01				
	Front servo AS2-12A & AS2-12J		115 67 01				
	Front servo 010 & 022		115 67 02				
	Front servo 021 & Matbro		115 67 03				
	Rear servo AS2-12J only		115 67 04				
	Rear servo all exc above		115 67 05				
	Rear apply strut		114 67 06				
	Rear brake anchor strut		114 67 07				
	Front servo strut for flex band		115 67 06				
	Front servo strut for rigid band		114 67 05				
	Rear servo adjusting screw		114 67 04				
	Jaguar V12 Bell Housing		115 55 01				
	<b>MISCELLANEOUS</b>						
	Filter		115 27 01				
	Pipe elbow (angled)		114 63 11				
	Pipe elbow (straight)		114 63 12				
	Solenoid		115 35 01				
	Solenoid Terminal		115 35 02				
	Kickdown switch		115 35 03				
	Ext. inspection cover		114 29 10				
	Manual lever shaft		114 29 11				
	Parking Pawl		114 29 12				
	Speedo drive gear		115 60 01				
	Valve body ball		115 62 01				

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KITS</b>						
	Overhaul (all models)		110 02 05		Front flexible (standard)		110 14 05
	Gasket & seal		110 03 05		Front flexible (Borg-Warner)		110 14 05M
	Shaft sealing ring kit		110 06 04		Front flexible (reline)		R110 14 05
	<b>GASKETS</b>				Heavy duty rear only		110 14 06
	Pan		110 25 04		Heavy duty rear only (Borg-Warner)		110 14 06M
	Pan Cork (US vehicles only only)		110 25 01		Heavy duty rear only (reline)		R110 14 06
	Pan Composite (US vehicles only only)		110 25 08		Front or rear rigid for 0.040" undersize drum		110 14 09
	Pan (paper - for aluminium pans)		110 25 03		<b>FILTER</b>		
	Extension housing 5/16" holes		110 25 05		Front (no cowl)		110 27 01
	Extension housing 7/16" holes		110 25 06		Front (with cowl)		110 27 02
					Rear		110 27 04
	Pump		110 25 07		<b>BUSHES &amp; BEARINGS</b>		
	Filter		110 25 10		Pump body		110 21 01
	Cable & switch (2)		110 25 11		Pump driven gear		110 21 02
	<b>RUBBER COMPONENTS</b>				Stator support front		110 21 03
	Toggle lever pin "O" ring		110 16 10		Stator support rear		110 21 04
	Pump lathe cut seal		110 17 03		Input shaft		110 21 05
	Forward clutch outer lathe cut seal		110 17 04		Needle bush rear drum		110 21 06
	Forward clutch inner "O" ring		110 16 08		Planetary front		110 21 08
	Top & rev clutch outer lathe cut		110 17 05		Planetary rear		110 21 09
					Rear drum		110 21 09
	Top & rev clutch inner "O" ring		110 16 09		Output shaft		110 21 10
	Front small servo outer "O" ring (2)		110 16 01		Case		110 21 12
	Front medium servo outer "O" ring (2)		110 16 03		Ext housing 1.512" dia /1.375" dia /1.175" long		110 21 13
	Front large servo outer "O" ring (2)		110 16 04		Ext housing 1.512" dia/ 1.375" dia/ 0.750" long		110 21 14
	Front small & medium servo inner "O" ring		110 16 02		Ext housing 1.317" dia/ 1.190" dia/ 1.400" long		110 21 15
					<b>THRUST WASHERS</b>		
	Front large servo inner "O" ring		110 16 05		Input shaft 0.062" thick		110 22 01
	Rear servo "O" ring		110 16 06		Input shaft 0.079" thick		110 22 02
	Pump suction tube "O" ring		110 16 07		Forward clutch hub		110 22 03
	Speedo drive "O" ring (Rover)		110 16 11		Forward clutch cylinder - bronze		110 22 04
	Push-in dip stick		138 16 07		Forward clutch cylinder - steel		110 22 05
	<b>METAL CLAD SEALS</b>				Sun gear needle plate - lipped inner		110 22 06
	Converter		110 15 01		Sun gear needle plate - with 3 flats		110 22 10
	Extension 1.715" dia		110 15 02		Sun gear needle bearing 0.062" rollers		110 23 01
	Extension 1.950" dia		110 15 03		Sun gear needle bearing 0.125" rollers		110 23 02
	Control shaft (2)		110 15 04		Output shaft		110 22 08
	Speedo (Ford TV, TL16)		110 15 07		Planetary needle plate		110 22 07
					Planetary needle bearing 0.062" rollers		110 23 03
	Speedo (Ford Transit)		110 15 08		Planetary needle bearing 0.125" rollers		110 23 05
	Speedo (Ford Capri, Cortina, Escort)		110 15 09		Planetary needle & plate combined		110 23 04
	<b>SHAFT SEALING RINGS</b>				G/set double gear planets 0.870" x 0.465" x 0.016"		110 22 12
	Rear drum to centre support - steel (3)		110 26 01		G/set single gear planets 0.780" x 0.395" x 0.020"		110 22 11
	Rear drum to centre support - teflon (3)		110 26 02		<b>TUBES</b>		
	Sun gear front - steel (2)		110 26 03		Front pump		110 63 05
	Sun gear front - teflon (2)		110 26 04		Oil cooler inlet (early)		110 63 03
	Sun gear rear - steel (1)		110 26 05		Oil cooler inlet (late)		110 63 04
					Converter "In & Out"		110 63 01
	Sun gear rear - teflon (1)		110 26 06		Pump outlet		110 63 09
	Output shaft - steel (3)		110 26 07		Front servo release (metered)		110 63 07
	Output shaft - teflon (3)		110 26 08		Front servo release (unmetered)		110 63 08
	<b>CLUTCH PLATES</b>				Front servo apply (thick valve body)		110 63 11
	Sintered friction (A/R)		110 11 04		Front servo apply (thin valve body)		110 63 12
	Fwd friction 108mm x 1.60 x 36T no groove (3/5)		110 11 01		Rear clutch apply (flat filter)		110 63 06
	Top & Rev friction 108mm x 1.60 x 36T w/grvs(3/5)		110 11 03		Rear clutch apply (with cowl filter)		110 63 10
	Forward steel 109mm x 1.7 x 44T (2/4)		110 12 01		Inlet to outlet bypass		110 63 02
	Top & Rev steel 109mm x 1.7 x 44T x0.4mm" dish		110 12 03		Rear servo		110 63 13
					Cooler non return union (screws into case)		110 41 03
	Top & Rev steel 109mm x 1.7 x 44T x0.6mm" dish		110 12 04		<b>CIRCLIPS</b>		
	Selective flat steel 109mm x 1.3 x 44T		110 12 02		Governor bob weight		110 32 01
	Selective flat steel 109mm x 2.0 x 44T		110 12 05		Rear clutch spring retainer (2)		110 32 02
	Forward pressure (3 friction)		110 13 01		Forward clutch diaphragm spring		110 32 03
	Forward pressure (4 friction)		110 13 02		Forward clutch plates retainer		110 32 04
					Top & rev clutch plates retainer		110 32 04
	Forward pressure (5 friction)		110 13 03		Sprag clutch retainer		110 32 04
	Top & Rev pressure		110 13 07		Sprag clutch retainer (wire - alt to 103204)		110 32 09
	Top & Rev spacer (3 friction)		110 13 04		Small front servo		110 32 06
	Top & Rev spacer (4 friction)		110 13 05				
	<b>BRAKE BANDS</b>						
	Front rigid 1.500" wide		110 14 02				
	Front rigid 1.500" wide (reline)		R110 14 02				



Iss 16/05/97

3 speed aluminium case rear wheel drive.  
European, Japanese, American vehicles 1962 to 1976  
Australian vehicles 1968 on**BORG-WARNER 35**

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Medium front servo		110 32 07				
	Large front servo		110 32 08				
	<b>HARD PARTS</b>						
	Pump assembly		110 38 01				
	Short pump with gears		110 38 02				
	Stator support		110 39 01				
	Input shaft - 22 spline		110 64 01				
	Input shaft - 23 spline		110 64 02				
	Forward clutch diaphragm spring		110 24 01				
	Forward clutch piston		110 45 01				
	Forward clutch cylinder		110 29 02				
	Top & rev piston (std)		110 45 02				
	Top & rev piston (for 0.025" steel plates)		113 45 02				
	Front drum (narrow with small sun gear)		110 29 11				
	Front drum (wide with small sun gear)		110 29 12				
	Front drum (wide with large sun gear)		113 29 04				
	Primary sun 1.850"dia (uses 102301 bearing)		110 65 01				
	Primary sun 1.850" dia (uses 102302 bearing)		110 65 02				
	Primary sun gear 1.950"dia		113 65 01				
	Centre support		110 43 01				
	Sprag		113 44 01				
	Sprag outer race		110 29 06				
	Planetary set (uses 102301 bearing)		110 66 01				
	Planetary set (uses 102302 bearing)		110 66 02				
	Planetary set - large sun gear		113 66 01				
	Annulus gear		110 29 07				
	Rear pump adapter		110 29 10				
	Front servo small		110 67 01				
	Front servo medium		110 67 02				
	Front servo large		110 67 03				
	Rear servo		110 67 04				
	Inhibitor switch		110 35 01				
	Rear pump wear plate		110 29 08				
	Band apply strut 0.175"		110 29 13				
	Band apply strut 0.215"		110 29 14				
	Band apply strut 0.255"		110 29 15				
	Park pawl		110 29 05				
	Kick down cable service ferrule		110 29 04				
	Front clutch hub		110 29 01				
	<b>TOOLS</b>						
	Top & reverse clutch piston installer		110 33 01				
	Forward clutch piston installer		110 33 02				
	Pressure check tool kit		110 33 06				
	Inhibitor switch spanner		110 33 03				
	Pressure test adaptor Sherpa commercial		110 33 04				
	Pressure test adaptor Triumph		110 33 05				
	Manual shaft seal remover		110 33 07				
	<b>SHIPPING CAPS</b>						
	Torque converter						
	Speedo hole - 1.25" diameter		SP330/25				
	Speedo hole - 1.00" diameter		SP330/22				
	Cooler pipe case adaptors (2)		913803				
	Cooler pipe case adaptors (Transit & Matbro) (2)		913802				

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KITS</b>				Driven shaft to bearing retainer (2)		110 26 01
	Overhaul 1800,1700,2000		138 02 01		Sun gear to driven shaft		110 26 06
	Overhaul 2200		138 02 02		Driven shaft to governor housing (2)		138 26 01
	Gasket & Seal 1800,1700,2000		138 03 01		Pump (late only)		138 26 04
	Gasket & seal 2200		138 03 02		<b>CLUTCH PLATES</b>		
	Gasket 1700,1800,2000		138 04 01		Forward friction (4)		110 11 01
	Gasket 2200		138 04 02		Top & reverse friction (4)		110 11 03
	Rubber 1700,1800,2000		138 05 01		Forward steel 0.070" std (3)		110 12 01
	Rubber 2200		138 05 02		Top & reverse steel 0.015" dished (4)		110 12 03
	Shaft Sealing Rings		138 06 01		Selective flat steel 0.053" thick		110 12 02
	Thrust Washer		138 10 01		Selective flat steel 0.079" thick		110 12 05
	<b>GASKETS</b>				Pressure plate forward clutch		110 13 02
	Chain cover		138 25 01		Pressure plate top & reverse clutch		110 13 07
	Valve body cover		138 25 02		Spacer top & reverse clutch		110 13 05
	Servo cover		138 25 03		Diaphragm spring forward clutch		110 24 01
	Engine oil filter cover(exc 2200)		138 25 04		<b>BRAKE BANDS</b>		
	Engine oil filter cover(2200 only)		133 25 16		Intermediate rigid 1.500" wide		110 14 02
	Governor cover (early)		138 25 05		Intermediate rigid 1.500" wide (reline)		R110 14 02
	Governor cover (late)		138 25 06		Heavy duty rear only		110 14 06
	End cover to differential (2)		138 25 07		Heavy duty rear only (Borg-Warner)		110 14 06M
	Diff cover to case - lower		138 25 08		Heavy duty rear only (reline)		R110 14 06
	Diff cover to case - upper		138 25 09		Front or rear rigid for 0.040" undersize drum		110 14 09
	Converter housing to sump (kidney shape)		138 25 10		<b>FILTERS</b>		
	End sealing plate		138 25 11		Pickup		138 27 01
	Trans to engine (2200 only)		138 25 13		Pickup filter retaining clip		138 27 02
	Trans to engine (exc 2200)		138 25 14		Basket type 2200		138 27 03
	Crank extension case 2200 only		138 25 15		Engine oil filter		138 27 04
	Trans to engine sealing plugs (2)		138 25 16		Engine oil filter (4cylinder)		138 27 05
	Flywheel adaptor plate		138 25 17		<b>BUSHES &amp; BEARINGS</b>		
	Front main bearing (cork insert)		138 25 18		Converter (inside neck)		110 21 02
	Direct mounted filter ti case		138 25 16		Stator support - front		110 21 03
	<b>RUBBER COMPONENTS</b>				Pump drive gear, early, 0.375" wide		138 21 01
	End sealing plate outer "O" ring		138 16 03		Pump drive gear, late 0.500" wide		138 21 09
	End sealing plate inner"O" ring		138 16 04		End sealing plate		110 21 04
	Forward clutch outer lathe cut seal		110 17 04		Input shaft		110 21 05
	Forward clutch inner "O" ring		110 16 08		Secondary sun gear		110 21 09
	Top & reverse outer lathe cut seal		110 17 05		Sprag clutch outer race		110 21 08
	Top & reverse inner "O" ring		110 16 09		Planetary - rear		138 21 02
	Inter servo outer "O" ring (exc 2000 &2200)		110 16 01		Driven shaft		110 21 10
	Inter servo outer "O" ring (2000 & 2200 only)		110 16 03		Rear drum needle bush		110 21 06
	Inter servo outer "O" ring (1700 only)		150 16 02		Diff assembly (not bored)		138 21 07
	Inter servo inner "O" ring (exc 1700)		110 16 02		Turbine shaft roller bearing		138 46 03
	Inter servo inner "O" ring (1700 only)		150 16 01		Input shaft roller bearing		138 46 02
	Reverse servo "O" ring		110 16 06		Diff ball bearing assembly (2)		138 46 01
	Pump to case "O" ring		138 16 02		Output shaft double ball bearing		138 46 04
	Governor pressure tube "O" ring		138 16 01		Output shaft roller bearing (code 472 on)		138 46 05
	Engine oil filter cover		138 16 05		Converter spigot bush - 1700 & 2000cc		138 21 08
	Detent sleeve "O" ring (early threaded type)		138 16 10		<b>THRUST WASHERS</b>		
	Detent rod "O" ring (all)		132 16 02		Input shaft to end sealing plate		110 23 04
	Detent sleeve "O" ring (late)		138 16 11		Front clutch hub		110 22 03
	Pump pickup pipe "O" ring		110 16 07		Front clutch cylinder (bronze)		110 22 04
	Filter grommet		138 19 01		Front clutch cylinder (steel)		110 22 05
	Dipstick tube "O" ring		138 16 07		Sun gear plate		110 22 06
	Trans to engine :O: ring (all)		138 16 08		Sun gear needle (0.062" rollers)		110 23 01
	Trans to engine "O" ring 2200 only		138 16 09		Sun gear needle ( 0.125" rollers)		110 23 02
	Centre support screw sealing washers (2)		138 20 01		Planetary plate (round with inner lip)		110 22 07
	Quadrant inhibitot switch shaft "O" ring		111 16 08		Planetary plate (round,with three flats)		110 22 10
	<b>METAL CLAD SEALS</b>				Planetary needle to output shaft (0.062" rollers)		110 23 03
	Converter (early)		138 15 01		Diff gear copper & cupped		138 22 01
	Converter (late)		138 15 07		Diff gear flat fibre		138 22 02
	Differential (1800)	(2)	138 15 02		G/set double gear planets 0.870" x 0.465" x 0.016"		110 22 12
	Differential (2200)	(2)	138 15 03		G/set single gear planets 0.780" x 0.395" x 0.020"		110 22 11
	<b>SHAFT SEALING RINGS</b>				<b>TUBES</b>		
	Input shaft to end sealing plate (2)		138 26 01		Pump pickup pipe		138 63 01
	Input shaft to sun gear		138 26 02				
	Sun gear to forward clutch (2)		110 26 04				
	Rear drum to centre support (3)		110 26 01				



Iss 16/05/97

3 speed transverse front wheel drive, chain driven.  
Leyland 1700, 1800, 2000, 2200 vehicles 1967 to 1984

# BORG-WARNER 35TA

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Pump pickup pipe top clip		138 29 34		Reverse servo body (cast steel)		138 67 04
	Common lub tube		138 63 07		Park pawk assembly (early)		138 29 29
	Governor pressure tube		138 63 03		Park pawl assembly (late)		138 29 30
	Centre lub tube		138 63 09				
	Rear lub tube		138 63 10		Detent shaft (early - 8 detents)		138 29 06
	Governor pressure tube collar	(2)	138 29 18		Detent shaft (late 6 detents - 472,473 & 484 on		138 29 07
	Lubrication tube collar	(2)	138 29 36				
	Pump to case tube		138 63 13		Detent shaft retaining spring		138 24 02
	<b>CIRCLIPS</b>				Detent sleeve - threaded 1800		138 29 10
	Turbine shaft		138 32 01		Detent sleeve - threade 2200		138 29 11
	Input shaft to forward clutch		110 32 04		Detent sleeve - push in type		138 29 12
	Top & reverse clutch plate retainer		110 32 04		Detent shaft retaining spring		138 24 02
	Diaphragm spring retainer		110 32 03		Cam & lever 473,484,486 & 488		138 29 39
	Top & reverse spring retainer		110 32 02		Selector cable "e" clip		138 29 32
					Drain plug		138 29 28
	Ring gear to driven shaft		110 32 05		Quill shaft - engine oil pump		138 29 33
	Governor to driven shaft	(2)	138 32 02		Diff shim 0.015"		138 36 01
	Front servo (1800)		110 32 06		Diff shim 0.025"		138 36 02
	Front servo (2200)		110 32 07		Inhibitor switch - micro type at control box (2)		138 35 01
					Inhibitor switch - plunger type		110 35 01
	<b>HARD PARTS</b>				Inhibitor switch - quadrant type		138 35 02
	Chain cover		138 56 03				
	Drive chain		138 29 01		<b>DRIVE PLATES (&amp; related parts)</b>		
	Bottom sprocket - conversion to late chain		138 29 03		Drive plate		138 70 01
	Bottom sprocket (late)		138 29 05		Drive plate lock washer		138 34 04
	Nut - input shaft		138 29 15		Drive plate to converter bolt	(2)	138 37 01
					Drive plate to crankshaft bolt	(6)	138 37 02
	Lockwasher - input shaft		138 34 02		Drive plate reinforcing plate	(2)	138 70 03
	Top sprocket -conversion to late chain		138 29 02		Starter ring gear		138 70 02
	Top sprocket (late)		138 29 04				
	Nut - turbine shaft		138 29 17		<b>CABLES (Selector &amp; Park)</b>		
	Lock washer - turbine shaft		138 34 01		1800 Selector		138 50 01
					1800 Park		138 50 02
	Turbine shaft & bearing		138 38 04		2200 Selector		138 50 03
	Pump assembly		138 38 01		2200 Park		138 50 04
	Short pump & gears		138 38 02		Princess Park & Selector		138 50 05
	Stator support		138 39 01				
	Pump wear plate		138 38 03		<b>TOOLS</b>		
					Top & reverse clutch piston installer		110 33 01
	Diff assembly		138 68 01		Forward clutch piston installer		110 33 02
	Diff planet gear shaft		138 68 02		Pressure check tool kit		110 33 06
	Diff planet gears	(2)	138 68 03				
	Diff bearing side cover (1800)	(2)	138 29 22				
	Diff bearing side cover (2200)	(2)	138 29 23				
	Bearing retainer plate		138 29 31				
	Crownwheel pinion final drive		138 29 13				
	Pinion lock washer		138 34 03				
	Pinion nut		138 29 14				
	Governor cover (cast aluminium)		138 29 16				
	Valve body pan		138 56 01				
	Servo pan		138 56 02				
	Abutment input washer upto code 473		138 29 20				
	Abutment input washer code 484 on		138 29 21				
	End sealing plate		138 29 19				
	Input shaft to 473		138 64 01				
	Input shaft 484 on		138 64 02				
	Forward clutch hub		110 29 56				
	Forward clutch piston		110 45 01				
	Forward clutch cylinder		110 29 02				
	Top & reverse clutch piston		110 45 02				
	Top & reverse cylinder		110 29 12				
	Sun shaft (use with 102302)		138 65 01				
	Sun shaft (use with 102301)		138 65 02				
	Centre support		138 43 01				
	Sprag		138 44 01				
	Sprag outer race		110 29 06				
	Planetary gearset		138 66 01				
	Output ring gear		110 29 07				
	Output ring gear (long teeth)		113 29 03				
	Driven shaft		138 57 01				
	Driven shaft ( late for two bearings)		138 57 02				
	Inter servo - small 1800		138 67 01				
	Inter servo - medium 2200		138 67 02				
	Reverse servo		138 67 03				

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KITS</b>				<b>BUSHES &amp; BEARINGS</b>		
	Overhaul		150 02 01		Stator support - front		110 21 03
	Gasket & seal		150 03 01		Pump drive gear, early 0.375" wide		138 21 01
	Gaskets		150 04 01		Pump drive gear, late 0.500" wide		138 21 09
	Shaft sealing ring		150 06 01		Pump housing		110 21 01
	Thrust washer		150 10 01		Input shaft		150 21 02
	<b>GASKETS</b>				Needle bush - reverse sun front		110 21 06
	Chain cover		150 25 02		Sprag output race		110 21 08
	Valve body pan		150 25 05		Planetary - rear		110 21 09
	Side cover		150 25 04		Planetary sun - rear		110 21 09
	Converter housing to case		150 25 07		Driven shaft		110 21 10
	Inspection cover		114 25 06		Turbine shaft roller bearing		150 46 01
	Servo pan		150 25 06		Converter housing shaft roller bearing		150 46 01
	Engine to transmission (aluminium)		150 25 01		Output pinion tapewr roller	(2)	
	Engine to transmission (fibre)		150 25 08		<b>THRUST WASHERS</b>		
	Differential cover		150 25 03		Front clutch hub		110 22 03
	<b>RUBBER COMPONENTS</b>				Front clutch cylinder - bronze		110 22 04
	Pump "O" ring		150 16 04		Front clutch cylinder - steel		110 22 05
	Pump inlet pipe "O" ring		110 16 07		Sun gear plate		110 22 06
	End sealing plate outer "O" ring		138 16 03		Sun gear needle (0.062" rollers)		110 23 01
	End sealing plate inner "O" ring		150 16 03		Sun gear needle (0.125" rollers)		110 23 02
	Forward clutch outer lathe cut seal		110 17 04		Planetary plate (round with inner lip)		110 22 07
	Forward clutch inner "O" ring		110 16 08		Planetary plate (flat with 3 flats)		110 22 10
	Top & reverse clutch outer lathe cut seal		110 17 05		Planetary needle		110 23 03
	Top & reverse inner "O" ring		110 16 09		G/set double gear planets 0.870" x 0.465" x 0.016"		110 22 12
	Reverse servo - small "O" ring		110 16 09		G/set single gear planets 0.780" x 0.395" x 0.020"		110 22 11
	Reverse servo - large "O" ring		110 16 04		<b>CIRCLIPS</b>		
	Intermediate servo inner "O" ring		150 16 01		Turbine shaft		138 32 01
	Intermediate servo outer "O" ring		150 16 02		Converter housing bearing		138 32 01
	Intermediate servo sleeve "O" ring		150 16 02		Input shaft to forward clutch		110 32 04
	Pinion housing "O" ring		150 16 05		Top & reverse clutch plate retainer		110 32 04
	<b>METAL CLAD SEALS</b>				Diaphragm spring retainer		110 32 03
	Converter - early		138 15 01		Top & reverse spring retainer		110 32 02
	Converter - late		138 15 07		<b>HARD PARTS</b>		
	Differential pinion	(2)	150 15 03		Drive chain trans 393 on		150 29 01
	Output shaft - early 50mm/27mm	(2)	150 15 01		Bottom sprocket trans 393 on		150 29 04
	Output shaft - late 47mm/35mm	(2)	150 15 02		Top sprocket trans 393 on		150 29 05
	<b>SHAFT SEALING RINGS</b>				Turbine shaft & bearing		150 38 02
	Input shaft to end sealing plate	(2)	138 26 03		Pump assembly		150 38 01
	Clutch to centre support	(3)	110 26 01		Stator support		150 39 01
	Driven shaft	(3)	110 26 01		Pump wear plate		150 38 03
	Forward sun to input shaft	(1)	138 26 02		Pump pickup pipe		150 63 01
	Sun gear to driven shaft	(1)	138 26 02		Intermediate servo piston		150 29 06
	Sun gear to forward clutch	(2)	110 26 04		Intermediate servo sleeve		150 29 07
	<b>CLUTCH PLATES</b>				Input shim 0.020" thick		150 36 02
	Forward friction	(4)	110 11 03		Input shim 0.010" thick		150 36 01
	Top & reverse friction	(4)	110 11 03		Abutment washer		138 29 20
	Forward steel	(3)	110 12 01		Input shaft		150 64 01
	Top & reverse steel	(4)	110 12 03		Input shaft locktab		138 34 02
	Selective steel 0.053" thick		110 12 02		End sealing plate		150 29 08
	Selective steel 0.079" thick		110 12 05		Forward clutch hub		110 29 01
	Forward clutch pressure plate		110 13 02		End float shim		150 36 03
	Top & reverse pressure plate		110 13 07		Diaphragm spring - forward clutch		110 24 01
	Top & reverse spacer		110 13 05		Forward clutch piston		110 45 01
	<b>BRAKE BANDS</b>				Forward clutch cylinder		110 29 02
	Intermediate rigid 1.500" wide (TBL)		110 14 02		Top & reverse clutch piston		110 45 02
	Intermediate rigid 1.500" wide (reline)		R110 14 02		Top & reverse cylinder		110 29 12
	Heavy duty rear only		110 14 06		Sun shaft		150 65 01
	Heavy duty rear only (Borg-Warner)		110 14 06M		Centre support		150 43 01
	Heavy duty rear only (reline)		R110 14 06		Sprag clutch		138 44 01
	Front or rear rigid for 0.040" undersize drum		110 14 09		Planetary gearset		138 66 01
	<b>FILTER</b>				Output ring gear		150 29 09
	Cylindrical		150 27 01				



Iss 16/05/97

3 speed in-line front wheel drive, chain driven.  
SAAB only 1979 to 87

**BORG-WARNER 37**

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
<b>KITS</b>				<b>BUSHES &amp; BEARINGS</b>			
	Overhaul		168 02 01		Stator support - front unmachined		168 21 02
	Gasket & seal		168 03 01		Pump drive gear		138 21 09
	Shaft sealing ring		168 06 01		Pump housing		110 21 01
	Gasket		168 04 01		Input shaft		
	Rubber		168 05 01		Needle bush - reverse sun front		110 21 06
	Thrust washer		168 10 01				
	Forward clutch kit		168 07 01				
<b>GASKETS</b>							
	Chain cover		168 25 02		Sprag clutch outer race bush		110 21 08
	Valve body pan		168 25 03		Planetary bush- rear		110 21 09
	Side cover		150 25 04		Reverse sun bush- rear		110 21 09
	Converter housing to case		168 25 01		Output shaft bush		110 21 10
	Servo pan		168 25 04		Turbine shaft bearing		150 46 01
	Engine to transmission (aluminium)		150 25 01		Converter housing bearing		168 46 01
	Engine to transmission (fibre)		150 25 08	<b>THRUST WASHERS</b>			
	Differential cover		168 25 05		Front clutch hub		110 22 03
<b>RUBBER COMPONENTS</b>					Forward clutch race		168 22 03
	Forward clutch outer lathe cut seal		110 17 04		Forward clutch needle		168 23 02
	Forward clutch inner "O" ring		110 16 08		Sun gear plate (flat - with 3 flats)		110 22 10
	Top & reverse outer lathe cut seal		110 17 05		Sun gear needle bearing (0.125' dia rollers) (2)		110 23 02
	Top & reverse inner "O" ring		110 16 09		Planetary plate		110 22 07
					Planetary needle		110 23 03
	Pump "O" ring	(1)	150 16 04				
	Pump inlet pipe "O" ring	(4)	110 16 07		G/set double gear planets 0.870" x 0.465" x 0.016"		110 22 12
	End sealing platr outer "O" ring		110 17 03		G/set single gear planets 0.780" x 0.395" x 0.020"		110 22 11
	End sealing plate inner "O" ring		168 16 02	<b>CIRCLIPS</b>			
					Input shaft to forward clutch		110 32 04
	Pinion housing - small "O" ring	(2)	168 16 06		Top & reverse clutch plate retainer		110 32 04
	Pinion housing - large "O" ring	(1)	168 16 03		Diaphragm spring retainer		110 32 03
	3 - 2 valve	(1)	168 16 01		Top & reverse spring retainer		110 32 02
	1 - 2 accumulator	(1)	168 16 04	<b>HARD PARTS</b>			
	Front servo pin	(1)	168 16 05		Drive chain		168 29 01
	Front servo piston	(1)	110 16 03		Top Sprocket	39 teeth	168 29 02
	Front servo piston sleeve	(1)	110 16 03		Bottom sprocket	38 teeth	168 29 03
<b>METAL CLAD SEALS</b>					Top Sprocket	40 teeth	168 29 04
	Converter		138 15 07		Bottom sprocket	37 teeth	168 29 05
	Differential pinion	(2)	168 15 02				
	Output shaft	(2)	150 15 02		Top Sprocket	41 teeth	168 29 06
<b>SHAFT SEALING RINGS</b>					Bottom Sprocket	36 teeth	168 29 07
	Turbine shaft to chain cover (BJ)		168 26 04		Top sprocket nut		138 29 17
	Input shaft to end sealing plate	(3)	168 26 02		Top sprocket locktag		138 34 01
	Sun shaft to input shaft (SJ)	(2)	168 26 03				
	Sun shaft to forward clutch	(2)	168 26 05		Bottom sprocket nut M16 X 1.5mm		168 37 01
	Clutch to centre support	(3)	110 26 01				
	Governor	(3)	168 26 01		Turbine shaft & bearing		168 38 02
<b>CLUTCH PLATES</b>					Pump assembly		168 38 01
	Forward friction	(4)	110 11 03		Stator support		168 39 01
	Top & reverse friction	(4)	110 11 03		Turbine shaft bearing		138 46 03
	Forward steel	(3)	110 12 01		Pump pickup pipe		168 63 01
	Top & reverse steel	(4)	110 12 03				
	Selective steel 0.053" thick		110 12 02		End sealing plate		168 29 12
					Input shaft		168 64 01
	Selective steel 0.079" thick		110 12 05		End float shim - 0.25mm thick		150 36 03
	Forward clutch pressure plate		110 13 02		Diaphragm spring - forward clutch	(2)	110 24 01
	Forward clutch pressure plate 0.205" thick		168 13 01		Forward clutch piston		110 45 01
	Top & reverse clutch pressure plate		110 13 07		Forward clutch hub		110 29 01
	Spacer - top & reverse clutch		110 13 05				
<b>BRAKE BANDS</b>					Forward Drum stamp 3707 for 001 to 006 & 012		168 29 08
	Intermediate rigid 1.500" wide		110 14 02		Forward Drum stamp 3728 for 007 to 011		168 29 09
	Intermediate rigid 1.500" wide (reline)		R110 14 02				
	Intermediate flexible (standard)		110 14 35		Forward clutch cyl ( no groove)		168 29 10
	Intermediate flexible (Borg-Warner)		110 14 05M		Forward clutch cyl (1 groove)		168 29 11
	Intermediate flexible (reline)		R110 14 05		Forward clutch cyl (2 groove) use 682911		168 29 11
					Top & reverse piston		168 45 01
	Heavy duty rear only		110 14 06		Sun shaft		168 65 01
	Heavy duty rear only (Borg-Warner)		110 14 06M				
	Heavy duty rear only (reline)		R110 14 06		Centre support for 001 to 006 & 012		150 43 01
<b>FILTER</b>					Centre support for 007 to 011		168 43 01
	Pick up kit		168 27 01		Sprag clutch		138 44 01
					Planetary gearset		168 66 01
					Output ring gear		168 29 13
					2nd servo piston return spring		168 24 01
					2nd servo piston 23mm dia x 33mm long		168 24 02
					Driven shaft		168 57 01
					Governor for 002,003,005,007,008,009,012		168 59 01
					Governor for 001		168 59 02
					Governor for 004,001		168 59 03
					Governor for 006		168 59 04

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
<b>KITS</b>				<b>BUSHES &amp; BEARINGS</b>			
	Overhaul (all models)		139 02 01		Pump body		139 21 02
	Shaft sealing ring kit		139 06 01		Pump driven gear		110 21 02
<b>GASKETS</b>					Stator support front - 24 spline input		110 21 03
	Pan		110 25 04		Stator support front - 26 spline input		113 21 02
	Extension housing 7/16" holes		110 25 06		Stator support rear		110 21 04
	Pump		110 25 07		Input shaft		110 21 05
	Filter		110 25 10		Needle bush rear drum - 24 spline input		110 21 06
	Cable & switch (2)				Needle bush rear drum - 26 spline input		139 21 01
<b>RUBBER COMPONENTS</b>					Planetary front		110 21 08
	Toggle lever pin "O" ring		110 16 10		Planetary rear		110 21 09
	Pump lathe cut seal		110 17 03		Rear drum		114 21 13
	Forward clutch outer lathe cut seal		110 17 04		Output shaft		110 21 10
	Forward clutch inner "O" ring		110 16 02		Case		110 21 12
	Top & rev clutch outer lathe cut		110 17 05		Ext housing 1.512" dia/ 1.375" dia/ 0.750" long		110 21 14
	Top & rev clutch inner "O" ring		139 16 01	<b>THRUST WASHERS</b>			
	Front medium servo outer "O" ring (2)		110 16 03		Input shaft 0.062" thick		110 22 01
	Front large servo outer "O" ring (2)		110 16 04		Input shaft 0.079" thick		110 22 02
	Front medium servo inner "O" ring		110 16 02		Forward clutch combination needle		139 23 01
	Front large servo inner "O" ring		110 16 05		Sun gear needle plate - lipped inner		110 22 06
	Front servo sleeve lathe cut		139 17 01		Sun gear needle plate - with 3 flats		110 22 10
	Rear servo "O" ring		110 16 06		Sun gear needle bearing 0.062" rollers		110 23 01
	Pump suction tube "O" ring		110 16 07		Sun gear needle bearing 0.125" rollers		110 23 02
<b>METAL CLAD SEALS</b>					Output shaft		110 22 08
	Converter		138 15 07		Planetary needle plate		110 22 07
	Extension 1.950" dia		110 15 03		Planetary needle bearing 0.062" rollers		110 23 03
	Control shaft (2)		110 15 04		Planetary needle bearing 0.0125" rollers		110 23 05
<b>SHAFT SEALING RINGS</b>					Planetary needle & plate combined		110 23 04
	Rear drum to centre support - steel (3)		110 26 01		G/set double gear planets 0.870" x 0.465" x 0.016"		110 22 12
	Rear drum to centre support - teflon (3)		110 26 02		G/set single gear planets 0.780" x 0.395" x 0.020"		110 22 11
	Sun gear front - steel (2)		114 26 05	<b>CIRCLIPS</b>			
	Sun gear rear - steel (1)		110 26 05		Governor bob weight		110 32 01
	Sun gear rear - teflon (1)		110 26 06		Rear clutch spring retainer (2)		110 32 02
	Output shaft - steel (3)		110 26 07		Forward clutch diaphragm spring		110 32 03
	Output shaft - teflon (3)		110 26 08		Forward clutch plates retainer		110 32 04
<b>CLUTCH PLATES</b>					Top & rev clutch plates retainer		110 32 04
	Sintered friction (A/R)		110 11 04		Sprag clutch retainer		110 32 04
	Forward friction (red - ungrooved) (3/5)		110 11 01		Sprag clutch retainer (wire - alt to 103204)		110 32 09
	Top & Rev friction (3/5)		110 11 03		Small front servo		110 32 06
	Forward steel 0.070" std (2/4)		110 12 01		Medium front servo		110 32 07
	Top & Rev steel 0.015" dished (3/5)		110 12 03		Large front servo		110 32 08
	Top & Rev steel 0.025" dished A/R		110 12 04	<b>HARD PARTS</b>			
	Selective flat steel 0.053"		110 12 02		Pump assembly - 24 spline input		110 38 01
	Selective flat steel 0.079"		110 12 05		Pump assembly - 26 spline input		139 38 01
	Forward pressure (3 friction)		110 13 01		Stator support - 23 spline input		110 39 01
	Forward pressure (4 friction)		110 13 02		Stator support - 26 spline input		
	Forward pressure (5 friction)		110 13 03		Input shaft - 23 spline		110 64 02
	Top & Rev pressure		110 13 07		Input shaft - 26 spline		113 64 02
	Top & Rev spacer (3 friction)		110 13 04		Forward clutch piston		139 45 01
	Top & Rev spacer (4 friction)		110 13 05		Forward clutch drum		139 29 01
<b>BRAKE BANDS</b>					Forward clutch hub		139 29 02
	Front rigid 1.500" wide		110 14 02		Forward clutch diaphragm spring		139 24 01
	Front rigid 1.500" wide (reline)		R110 14 02		Centre support		110 43 01
	Front flexible (standard)		110 14 05		Sprag		110 44 01
	Front flexible (Borg-Warner)		110 14 05M		Sprag outer race		110 29 06
	Front flexible (reline)		R110 14 05		Annulus gear		110 29 07
	Heavy duty rear only (TBL)		110 14 06		Rear pump adapter		110 29 10
	Heavy duty rear only (Borg-Warner)		110 14 06M		Front servo medium		110 67 02
	Heavy duty rear only (reline)		R110 14 06		Front servo large		110 67 03
	Front or rear rigid for 0.040" undersize drum		110 14 09		Rear servo		110 67 04
<b>FILTER</b>					Rear pump wear plate		110 29 08
	Front (with cowl)		110 27 02		Band apply strut 0.175"		110 29 13
					Band apply strut 0.215"		110 29 14
					Band apply strut 0.255"		110 29 15
					Park pawl		110 29 05
					Kick down cable service ferrule		110 29 04
					Inhibitor switch		139 35 01



Iss 16/05/97

4 speed rear wheel drive, non lock up.  
Chrysler England

**BORG-WARNER 45**

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KIT</b>						
	Overhaul Kit		111 02 01		Thrust plate		112 22 07
	Gasket & rubber Kit		111 03 01		Thrust plate		112 22 08
	Gasket Kit		111 04 01		Thrust plate		112 22 09
					Thrust plate		111 22 01
	Rubber ring kit		111 05 01		Thrust plate		111 22 02
	Shaft sealinr ring kit		111 06 01		Thrust plate	(2)	111 22 03
	Thrust washer kit		111 10 01		Thrust washer		111 22 04
					Thrust washer		111 22 05
					Thrust washer		111 22 06
	<b>GASKETS</b>				Thrust washer		111 22 07
	Pan		112 25 01		Needle bearing	(4)	112 23 02
	Extension		112 25 02		Needle bearing		112 23 03
	Oil filter		111 25 03		Needle bearing		111 23 01
	Cover plate		112 25 07				
	<b>RUBBER COMPONENTS</b>				<b>HARD PARTS</b>		
	Cable "O" ring		113 16 09		Forward clutch diaphram spring		111 24 01
	Piston outer "O" ring	(5)	112 16 07		Rear ring gear		111 29 01
	Piston inner "O" ring	(6)	112 16 09		Park rod		111 29 02
	Piston outer "O" ring		112 16 08		Park pawl		111 29 03
	Direct inner piston outer"O" ring		112 16 08		Park pawl cam plate		111 29 04
					Park pawl pivot pin		111 29 05
	Low & reverse reaction piston inner"O" ring		112 16 11				
	Low & reverse reaction piston outer"O" ring		112 16 01		Pivot pin retaining clip		111 29 06
	Reverse piston outer "O" ring		112 16 10		Park pawl torsion spring		111 29 07
	Pressure plug "O" ring		111 16 01		Sprag clutch retainer		111 29 08
	Cooler pipe "O" rings	(2)	111 16 02		Sprag clutch outer race		111 29 09
	Speedo housing "O" ring		111 16 03				
	Pump lathe cut seal		112 17 01		Detent bracket		111 29 10
					Detent spring plate		111 29 11
	<b>METAL CLAD SEALS</b>				Manual lever kit		111 29 12
	Pump		112 15 01		Inhibitor switch		111 35 01
	Extension		111 15 02		Cooler connector - straight		111 41 01
	Control shaft	(2)	113 15 02				
	Speedo		111 15 04		Cooler connector - angled		111 41 02
	<b>SHAFT SEALING RINGS</b>				Centre support		111 43 01
	Accumulator	(2)	111 26 01		Sprag clutch		111 44 01
	Accumulator		111 26 02		Direct clutch cylinder		112 29 06
	Pump & centre support - early	(5)	111 26 03		Direct clutch piston		111 45 01
	Pump & centre support - late	(5)	112 26 02				
	Output shaft	(3)	112 26 03		3rd clutch piston		111 45 02
					Reverse clutch piston		111 45 03
	<b>CLUTCH PLATES</b>				Reverse reaction sleeve		111 45 04
	Forward clutch friction 126mm x 2.4 x 24T	(4)	112 11 01		Forward & 4th accumulator piston		111 45 05
	Forward steel	(4)	112 12 01		2nd brake accumulator piston		111 45 06
	Forward packing plate (0.50mm)		159 12 08				
	Forward packing plate (0.80mm)		159 12 09		3rr brake accumulator piston		111 45 07
	Direct clutch friction 126mm x 2.4 x 24T	(3)	112 11 01		Forward clutch piston		112 45 02
					Forward & direct spring assembly		112 29 12
	Direct steel	(1)	112 12 01		Direct clutch spring assembly		112 29 13
	Direct steel	(2)	112 12 02		Case		111 53 01
	Direct pressure plate		112 13 01				
	Direct packing plate (0.50mm)		159 12 08		Pan		111 56 01
	Direct packing plate (0.80mm)		159 12 09		Outpur shaft		111 57 01
					Governor	Code004, 1559 & 006, 2028	111 59 01
	2nd brake friction 126mm x 2.4 x 24T	(2)	112 11 01		Governor	Code 003, 3481 005, 3890	111 59 02
	2nd brake steel	(3)	112 12 03		Governor retaining clip		111 59 03
	2nd brake steel	(2)	112 12 05				
	2nd brake pressure plate		111 13 01		Speedo drive gear		111 60 01
					Speedo drive ring		111 60 02
	3rd brake friction 126mm x 2.4 x 24T	(3)	112 11 01		Valve body assembly	Code 003,004	111 61 01
	3rd brake steel	(1)	112 12 03		Valve body assembly	Code 009	111 61 02
	3rd brake pressure plate		111 13 01		Manual valve		111 61 03
	Reverse friction 126mm x 2.3 x 16T	(4)	112 11 02		Upper valve body		111 61 04
	Reverse brake steel	(4)	111 12 01		Forward sun gear		111 65 01
	Reverse brake pressure plate		112 13 03		Rear sun & middle ring gear		111 65 02
					Forward gearset		111 66 01
	<b>FILTER</b>				Middle carrier		111 66 02
	Pick-up		111 27 01				
	<b>BUSHES &amp; BEARINGS</b>				<b>ELECTRICAL</b>		
	Pump		112 21 01		Inhibitor switch		111 35 01
	Extension		111 21 02				
	<b>THRUST WASHERS</b>						
	Thrust plate		112 22 06				

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KITS</b>				Case		112 21 06
	Overhaul Kit		112 02 01		Extension		110 21 13
	Gasket & seal kit		112 03 01		<b>THRUST WASHERS</b>		
	Shaft sealing ring kit		112 06 01		Plate - input shaft to pump		112 22 06
	Thrust washer kit		112 10 01		Needle - input shaft to pump		112 23 02
	Fric & steel module 4 frictions		112 07 01				
	<b>GASKETS</b>				Plate - forward clutch		112 22 06
	Pan		112 25 01		Needle - forward clutch		112 23 02
	Extension		112 25 02		Plate - forward clutch		112 22 07
	Cover plate		112 25 07				
	Lower valve body		112 25 03		Plate - sun to intermediate shaft		112 22 06
	Upper valve body		112 25 04		Needle - sun to intermediate shaft		112 23 02
	Cover valve body		112 25 05		Plate - sun to intermediate shaft		112 22 07
	Filter		112 25 06				
	<b>RUBBER COMPONENTS</b>				Plate - direct clutch		112 22 08
	Innerpiston "O" ring	(6)	112 16 09		Needle - direct clutch		112 23 03
	Outer piston "O" ring	(5)	112 16 07		Plate - direct clutch		112 22 09
	Inner piston "O" ring		112 16 08				
	Low & Rev reaction outer piston "O" ring		112 16 01		Plate - rear ring gear		112 22 08
	Low & rev reaction inner piston "O" ring		112 16 11		Needle - rear ring gear		112 23 03
	Rev brake outer piston "O" ring		112 16 10		Plate - sprag clutch retainer	(2)	112 22 01
	Pump lathe cut seal		112 17 01				
	2nd accumulator "O" ring - lower		112 16 03		Front thrust - front planet carrier		112 22 03
	2nd accumulator "O" ring upper		112 16 05		Rear thrust - front planet carrier		112 22 04
	Direct accumulator "O" ring - lower		112 16 02		Front thrust - rear planet carrier		112 22 05
	Direct accumulator "O" ring - upper		112 16 06		Needle - output shaft		112 23 01
	Forward clutch accumulator "O" ring		112 16 04		Plate - output shaft		112 22 02
	Cable "O" ring		113 16 09				
	<b>METAL CLAD SEALS</b>				Front gearset planet thrust 0.695" x 0.350" x 0.033"		112 22 11
	Converter		112 15 01		Rear gearset planet thrust 0.695" x 0.350" x 0.018"		112 22 10
	Cross shaft	(2)	113 15 02		<b>HARD PARTS</b>		
	Extension		110 15 03		Pump housing & gears		112 38 02
	Speedo driven gear inner		112 15 02		Stator support		112 39 01
					Pump assembly		112 38 01
	<b>SHAFT SEALING RINGS</b>				Input shaft		112 64 01
	Pump & centre support	(5)	112 26 02		Forward clutch piston (for 4 friction)		112 45 01
	Planetary sun shaft	(2)	112 26 01				
	Output shaft	(3)	112 26 03		Forward clutch piston (for 5 friction)		112 45 02
					Forward & direct spring assembly	(2)	112 29 12
	<b>CLUTCH PLATES</b>				Forward clutch hub		112 29 04
	Forward clutch friction 126mm x 2.4 x 24T	(5)	112 11 01		Direct clutch input hub		112 29 05
	Forward steel	(5)	112 12 01		Spring seat retainer		112 29 13
	Forward packing plate (0.50mm)		159 12 08				
	Forward packing plate (0.80mm)		159 12 09		Piston - direct clutch		112 45 03
					Direct clutch cylinder		112 29 06
	Direct clutch friction 126mm x 2.4 x 24T	(3)	112 11 01		1st & 2nd brake spring assemblies	(2)	112 29 14
	Direct steel	(1)	112 12 01		1st & 2nd brake piston	(2)	112 45 04
	Direct sreeel	(2)	112 12 02		Centre support		112 43 01
	Direct pressure plate		112 13 01				
	Direct packing plate (0.50mm)		159 12 08		Sprag clutch - front - 18 cams		112 44 01
	Direct packing plate (0.80mm)		159 12 09		2nd brake hub		112 29 18
					Planetary sun gear		112 65 01
	1st brake friction 126mm x 2.4 x 24T	(1)	112 11 01		Inner race & reaction		112 29 20
	1st brake steel	(1)	112 12 03		Sprag clutch - rear - 26 cams		112 44 02
	1st brake pressure plate		112 13 02				
					Front planet carrier		112 66 01
	2nd brake friction 126mm x 2.4 x 24T	(3)	112 11 01		Front planet ring gear		112 29 23
	2nd brake steel	(1)	112 12 03		Rear planet carrier		112 66 02
	2nd brake steel	(2)	112 12 05		Intermediate shaft		112 29 25
	2nd brake pressure plate		112 13 01		Rear planet ring gear		112 29 26
	Low - reverse friction 126mm x 2.3 x 16T	(5)	112 11 02		Output shaft		112 57 01
	Low - reverse steel	(4)	112 12 04		Brake tube apply (for 4 friction)		112 29 28
	Low - reverse pressure plate		112 13 03		Brake tube apply (for 5 friction)		112 29 27
					Spring assembly		112 29 29
	<b>FILTER</b>				Lor - reverse piston		112 45 05
	122701						
	<b>BUSHES &amp; BEARINGS</b>				Sleeve, low- reverse		112 29 31
	Converter		112 21 01		Piston - secondary		112 45 06
	Stator		112 21 02		Case Code001 to 027, & 030, 031		112 53 01
	Centre support		112 21 03		Case - Code 028,029, & 032 to 040		112 53 02
	Output shaft		112 21 04		Ext housing Code 001 to 027 & 030,031,034,040		112 54 01
	Sungear	(2)	112 21 05				
					Ext housing Code 028,029,032,033, & 035 to 039		112 54 02
					Park pawl		112 29 34
					Park pawl rod		112 29 35



Iss 16/08/98

3 speed rear wheel drive, non lock up.  
Volvo only 1975 to 84**BORG-WARNER 55**

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Park pawl spring		112 29 36				
	2nd speed accumulator		112 29 37				
	Direct clutch accumulator		112 29 38				
	Forward clutch accumulator						
	Oil pan standard		112 56 01				
	Oli pan deep		112 56 01				
	Filter ext for deep pan		112 29 33				
	Dipstick tube - deep sump (240 series)		112 29 01				
	Dipstick tube - deeo sump (260 series)		112 29 07				
	Dipstick deep sump		112 29 08				
	Valve body ball kit		112 62 01				
	Valve body ball 8.08mm dia		112 62 02				
	Valve body ball 5.66mm dia		112 62 03				
	Speedo drive Code 005 & 006		112 60 01				
	Speedo drive all exc 005 & 006		112 60 02				
	Stoneguard (100mm by 65mm)		110 29 53				
	Stoneguard (65mm by 65mm)		112 29 24				
	Breather		112 18 01				
	Manual lever shaft		112 29 21				
	Manual lever quadrant		112 29 22				
	Oil union to cooler		112 41 01				
	Oil union from cooler		112 41 02				
	Governor retaining clip		112 59 02				
	Pin - park pawl		112 29 09				
	Spiral pin		112 29 03				
	Cam plate		112 29 10				
	Plug - pressure take off point		112 29 02				
	Modified valve spring		112 62 04				
	<b>SHIPPING CAPS</b>						
	Torque converter caps		112 29 40				

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	<b>KITS</b>				<b>BRAKE BANDS</b>		
	Overhaul - Exc BMW		113 02 01		Front flexible (standard)		110 14 05
	Overhaul - BMW only		113 02 02		Front flexible (Borg-Warner)		110 14 05M
	Shaft sealing ring		110 06 04		Front flexible (reline)		R110 14 05
	<b>GASKETS</b>				Heavy duty rear only (TBL)		110 14 06
	Pan (cork neoprene)		113 25 01		Heavy duty rear only (Borg-Warner)		110 14 06M
	Ext housing		113 25 02		Heavy duty rear only (reline)		R110 14 06
	Pump		113 25 05		Front or rear rigid for 0.040" undersize drum		110 14 09
	Front servo cover		113 25 03		<b>FILTER</b>		
	Rear servo cover		113 25 04		With cowl		110 27 02
	Filter		110 25 10		<b>BUSHES &amp; BEARINGS</b>		
	<b>RUBBER COMPONENTS</b>				Pump body		110 21 01
	Pump lathe cut seal		110 17 03		Pump driven gear		110 21 02
	Forward clutch outer lathe cut seal		110 17 04		Stator support front - 23 spline input		110 21 03
	Forward clutch inner "O" ring		110 16 08		Stator support front - 26 spline input		113 21 02
	Forward clutch inner "U" seal (Rover, Jaguar)		113 18 01		Stator support rear		110 21 04
	Top & rev outer lathe cut seal		110 17 05		Input shaft		110 21 05
	Top & rev inner "O" ring		110 16 09		Needle bush - rear drum		110 21 06
	Rear servo piston outer "O" ring		113 16 01		Planetary - front		110 21 08
	Rear servo piston inner "O" ring		113 16 07		Planetary - rear		110 21 09
	Rear servo cover "O" ring (2)		113 16 05		Rear drum		110 21 09
	Front servo cover "O" ring				Output shaft		110 21 10
	1off for Rover, Jaguar & BMW		113 16 02		Case		110 21 12
	2off for Austin, Morris, & Triumph		113 16 02		Ext 1.512" dia/1.375" dia/1.175" long		110 21 13
	Front servo piston outer Rover,Jaguar,BMW (1)		113 16 02		Ext 1.512" dia/1.375" dia/0.750" long		110 21 14
	Front servo piston outer Austin,Morris,Triumph (1)		113 16 06		Ext 1.317" dia/1.190" dia/1.400" long		110 21 15
	Front servo piston inner Rover,Jaguar,BMW (1)		113 16 03		<b>THRUST WASHERS</b>		
	Front servo piston inner Austin,Morris,Triumph (1)		113 16 07		Input shaft 0.062" thick		110 22 01
	Front servo cover "O" ring		113 16 09		Input shaft 0.079" thick		110 22 02
	Breather adapter "O" ring		113 16 04		Forward clutch hub		110 22 03
	Pump pick up tube		110 16 07		Forward clutch cylinder - bronze		110 22 04
	Speedo driven gear (BMW)		113 16 08		Forward clutch cylinder - steel		110 22 05
	Cable "O" ring		113 16 09		Sun gear needle plate - lipped inner		110 22 06
	<b>METAL CLAD SEALS</b>				Sun gear needle plate - with 3 flats		110 22 10
	Converter		110 15 01		Sun gear needle bearing 0.062" rollers		110 23 01
	Converter BMW only		113 15 01		Sun gear needle bearing 0.125" rollers		110 23 02
	Ext 1.950" dia Rover & Jaguar		110 15 03		Output shaft		113 22 01
	Ext 2.010" dia Triumph, Austin, Morris		113 15 05		Planetary needle plate		110 22 07
	Ext 1.950" dia BMW		113 15 04		Planetary needle bearing 0.062" rollers		110 23 03
	Manual control shaft (2)		113 15 02		Planetary needle bearing 0.0125" rollers		110 23 05
	Speedo driven gear BMW only		113 15 03		Planetary needle & plate combined		110 23 04
	<b>SHAFT SEALING RINGS</b>				<b>TUBES</b>		
	Rear drum to centre support - steel (std) (3)		110 26 01		Lubrication		113 63 01
	Rear drum to centre support - teflon (3)		110 26 02		Governor feed		113 63 02
	Sun gear front - steel (2)		110 26 03		Governor pressure		113 63 03
	Sun gear front - teflon (std) (2)		110 26 04		Rear lubrication		113 63 04
	Sun gear rear - steel (1)		110 26 05		Front pump suction (early)		113 63 05
	Sun gear rear teflon (std) (1)		110 26 06		Front pump suction (late)		113 63 13
	Output shaft - steel(must be steel) (3)		110 26 07		Front pump suction BW66		113 63 17
	<b>CLUTCH PLATES</b>				Front pump pressure		113 63 06
	Sintered friction		110 11 04		Oil cooler supply		113 63 07
	Forward friction (red plain)		110 11 01		Oil cooler return		113 63 16
	Forward steel 0.070" thick		110 12 01		Converter in		113 63 08
	Forward pressure (4 friction)		110 13 02		Front servo release 028,033,043,051,061		113 63 15
	Forward pressure (5 friction)		110 13 03		Front servo release exc above		113 63 09
	Top & rev friction (beige - grooved)		110 11 03		Rear servo line 13		113 63 10
	Top & rev steel 0.015" dished		110 12 03		Front servo apply		113 63 11
	Top & rev steel 0.025" dished		110 12 04		Rear servo line 7		113 63 12
	Top & rev pressure		110 13 07		Rear clutch feed		113 63 14
	Top & rev spacer (4 friction)		110 13 05		<b>CIRCLIPS</b>		
	Selective steel flat 0.053" thick - as reqd		110 12 02		Governor bob weight		110 32 01
	Selective steel flat 0.079" thick - as reqd		110 12 05		Rear clutch spring retainer		110 32 02
					Forward clutch diaphragm spring		110 32 03
					Forward clutch plates retainer		110 32 04
					Top & rev clutch plates retainer		110 32 04



Iss 16/05/97

3 speed rear wheel drive, non lock up.  
British vehicles 1973 to 86  
Similar to BW35, but with servos integral with case**BORG-WARNER 65 & 66**

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Sprag clutch retainer		110 32 04		<b>ELECTRICAL</b> Inhibitor switch (no leads) Inhibitor switch (10" leads - single plug) Inhibitor switch (13" leads - single plug) Inhibitor switch (24" leads - twin plug)		113 35 01
	Sprag clutch retainer (wire)		110 32 09			113 35 02	
	<b>HARD PARTS</b>					113 35 03	
	Case assembly		113 53 01			113 35 04	
	Pump assembly - 23 spline input		113 38 01		<b>MISCELLANEOUS</b> Speedo drive gear 4.4 Jaguar 015 trans Speedo drive gear 025,033,050,052,056, 6066, 6067	113 60 01	
	Pump assembly - 26 spline input		113 38 02			113 60 02	
	Short pump with gears - all exc BMW		110 38 02		Speedo drive gear 021,036,051,053,055,059,061, 6068,6069,6070,6072,6073,6079,6081,6082	113 60 03	
	Short pump with gears - BMW only		113 38 01		Throttle linkage connecting joints (nylon)	113 21 11	
	Stator support - all for 23 spline exc BMW		113 39 01				
	Stator support - BMW only		113 39 03				
	Stator support - for 26 spline		113 39 02				
	Input shaft - 22 spline		110 64 01				
	Input shaft - 23 spline exc BMW		110 64 02				
	Input shaft - 23 spline BMW only		113 64 01				
	Input shaft - 26 spline for BW66		113 64 02				
	Forward clutch hub		110 29 01				
	Forward clutch diaphragm spring		110 24 01				
	Forward clutch piston		110 45 01				
	Forward clutch piston (anti bump seal)		113 45 01				
	Forward clutch cylinder		113 29 02				
	Top & rev piston (std)		110 45 02				
	Top & rev piston (for 0.025" steel plates)		113 45 02				
	Front drum (wide with small sun gear)		110 29 12				
	Front drum (wide with large sun gear)		113 29 04				
	Primary sun gear 1.850" dia (uses 102301 bearing)		110 65 01				
	Primary sun gear 1.850" dia (uses 102302 bearing)		110 65 02				
	Primary sun gear 1.950" dia		113 65 01				
	Centre support		113 43 01				
	Sprag - 24 cams		110 44 01				
	Sprag - 30 cams		113 44 01				
	Sprag outer race		110 29 06				
	Planetary set (uses 102302 bearing)		110 66 02				
	Planetary set - large sun gear		113 66 01				
	Annulus gear		113 29 03				
	Front servo piston & rod (small)		113 45 03				
	Front servo piston & rod (large)		113 45 04				
	Front servo cover (small)		113 45 06				
	Front servo cover (largel)		113 45 07				
	Rear servo piston & rod		113 45 05				
	Rear servo cover		113 45 08				
	Rear servo lever		113 45 09				
	Rear servo lever pin		113 45 10				
	Band apply strut 0.175"		110 29 13				
	Band apply strut 0.215"		110 29 14				
	Band apply strut 0.255"		110 29 15				
	Park pawl		113 29 15				
	Park pawl rod assembly - Jag 015,025		113 29 05				
	Park pawl rod assembly - all others		113 29 06				
	Pivot pin - park pawl		113 29 07				
	Spring, park pawl		113 29 08				
	Park pawl operating lever		113 29 09				
	Spring - park rod operating lever		113 29 10				
	Pivot pin - park pawl operating lever		113 29 11				
	Lever assembly - manual valve detent		113 29 12				
	Kick down cable service ferrule		110 29 04				
	Stoneguard 90mm/38mm		113 29 01				
	Breather adaptor		113 18 02				
	Ext housing 015,025,033,050,052,056		113 54 02				
	Shaft - manual valve detent		113 29 13				
	Spacer - manual valve detent		113 29 14				
	Output shaft lock washer - BMW only		113 34 01				