



Iss 01/05/97

3 speed front whwwl drive, chain driven
Vauxhall, Opel, & GM USA

GENERAL MOTORS
3T40 (was TH125)

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
KITS							
	Master	-84	161 01 02		Forward steel (waved 0.047" thick) (1)	79-90	161 12 03
	Master (thin friction)	84-90	161 01 03		Forward pressure 2.36mm		161 13 05
					Forward pressure 3.20mm		161 13 06
	Overhaul		161 02 02		Forward pressure 3.76mm		161 13 07
	Gasket & seal		161 03 01		Forward pressure 4.65mm		161 13 03
	Gasket set		161 04 01		Forward pressure 5.35mm		161 13 02
	Rubber only		161 05 01		Forward pressure 6.05mm		161 13 01
	Servo seals only		161 05 02		Low & reverse friction 136mm x 2.0 x 40T (4/5)	79-84	161 11 02
	Shaft sealing ring	80-81	161 06 01		Low & reverse friction 136mm x 2.2 x 40T (4/5)	84-90	161 11 04
	Shaft sealing ring	81-90	161 06 02		Low & reverse steel 138mm x 2.0 x 11T (4)	79-84	161 12 04
	Plain bush kit		161 09 01		Low & reverse steel 149mm x 2.23 x 11T (4)	84-90	161 12 06
	Needle bush kit		161 09 02		Low & reverse steel wavy 138mm x 2.2 x 11T (1)	79-90	161 12 05
	Plain thrust kit		161 10 01		Low & reverse pressure (1)		161 13 04
	Needle thrust kit		161 10 02		BRAKE BANDS		
	Pump slide repair kit		161 20 01		Intermediate (replaces narrow band)		161 14 02
	Front input carrier repair kit		161 10 03		FILTER		
	Rear reaction carrier repair kit		161 10 04		Pick-up		161 27 01
GASKETS					BUSHES & BEARINGS		
	Pan		161 25 01		Converter 39 x 35.75 x 15.5		161 21 01
	Cover to case (2nd design)		161 25 04		Converter (lock-up) 39.8 x 36.75 x 15.5		161 21 02
	Cover to case centre		161 25 06		Driven sprocket support 46.3 x 43.25 x 11.5		161 21 03
	Intermediate servo cover		161 25 05		Drive sprocket support 26.3 x 23.2 x 12.3		161 21 04
	Valve body cover		161 25 02		Final drive gear to case 39.5 x 36.5 x 10.8 (2)		161 21 05
	Valve body seperator plate to case (2)	79-82	161 25 03		Direct clutch drum - front 59.5 x 56.7 x 9.6		161 21 06
	Valve body to seperator plate (2)	83-90	161 25 07		Direct clutch drum - rear 68.8 x 66.5 x 10		161 21 07
RUBBER COMPONENTS					Input shaft 30.6 x 27.5 x 16		161 21 08
	Direct clutch outer lip seal		161 18 03		Input internal gear 41 x 38 x 9		161 21 09
	Direct clutch inner lip seal		161 18 01		Reaction sun gear		161 21 10
	Direct clutch centre lip seal		161 18 02		Low & reverse clutch housing 52 x 49 x 7.5		161 21 11
	Forward clutch inner lip seal	79-90	161 18 04		Reaction carrier 52 x 49 x 7.5		161 21 11
	Forward clutch outer lip seal	79-86	161 18 05		Pump shaft 22.32mm OD x 15.90 shaft x 24N		161 21 18
	Forward clutch outer lip seal	87-90	161 18 12		Pump shaft 25.50mm OD x 17.43 shaft x 25N		161 21 19
	Low & reverse clutch inner lip seal		161 18 06		Drive sprocket bearing 52 OD x int needles		161 21 17
	Low & reverse outer lip seal		161 18 07		Driven sprocket bearing 63.2 OD x int needles		161 21 16
	Intermediate servo lip seal (outer)	85-90	161 18 09		Sleeve - pump cover		161 21 14
	Intermediate servo lip seal (inner)	85-90	161 18 10		Sleeve - case cover (repair) 32 x 28 x 25		161 21 13
	Intermediate servo lip seal (inner)	85-90	161 18 11		Sleeve - driven sprocket support (repair)		161 21 12
	Strainer to case "O" ring		161 16 01		THRUST WASHERS		
	Reverse pipe to case "O" ring		161 16 02		Reverse clutch to low race - 1.05 mm selective		161 22 20
	Governor cover "O" ring		161 16 03		Reverse clutch to low race - 1.47 mm selective		161 22 21
	Slide "O" ring		161 16 04		Reverse clutch to low race - 1.89 mm selective		161 22 22
	Speedo sleeve "O" ring		161 16 05		Reverse clutch to low race - 2.31 mm selective		161 22 23
	Intermediate pin seal		161 20 01		Reverse clutch to low race - 2.73 mm selective		161 22 24
	Speedo shaft lip seal		161 18 08		Reverse clutch to low race - 3.15 mm selective		161 22 25
	Oil pipe plug seal		161 20 02		Needle sun to diff carrier 51x 33x 3.88 early		161 23 02
	Pump drive washer		161 20 04		Needle sun to diff carrier 54x34x4 late		161 23 05
	Filter grommet (early)		161 20 05		Needle Intermediate gear front 51x33x3.55		161 23 02
	Filter grommet (late)		161 20 06		Needle diff to case 57x36.6x3.50		161 23 03
					Needle intermediate gear rear (cup) 59.4x38.3x7.55		161 23 04
METAL CLAD SEALS					Diff carrier to case - 1.45 mm selective		161 22 10
	Converter		161 15 01		Diff carrier to case - 1.55 mm selective		161 22 11
	Manual control shaft	80-83	161 15 04		Diff carrier to case - 1.69 mm selective		161 22 12
	Manual control shaft	84-90	161 15 02		Diff carrier to case - 1.75 mm selective		161 22 13
	Axle		161 15 03		Diff carrier to case - 1.81 mm selective		161 22 14
	Rear extension		161 15 03		Diff carrier to case - 1.95 mm selective		161 22 15
CLUTCH PLATES					Diff carrier to case - 2.05 mm selective		161 22 16
	Direct friction 117mm x 2.0 x 32T (4)	79-84	161 11 01		Diff carrier to case - 2.15 mm selective		161 22 17
	Direct friction 117mm x 1.80 x 32T (4)	84-90	161 11 03		Diff carrier to case - 2.25 mm selective		161 22 18
	Direct steel 118mm x 2.3 x 24T (4)	79-90	161 12 01		Diff carrier to case - 2.35 mm selective		161 22 19
	Direct pressure 4.65mm		161 13 03		Drive sprock to support 65 x 55 x 1.5 x 4 lugs P)		161 22 02
	Direct pressure 5.35mm		161 13 02		Drive sprock to case rear 50 x 35 x 1.6 x 4 lugs P)		161 22 01
	Direct pressure 6.05mm		161 13 01		Direct clutch front to support 88 x 66 x 1.6 (P)		161 22 04
	Forward friction 117mm x 2.0 x 32T (4)	79-84	161 11 01		Input shaft 51.7 x 31 x 10.7 (P)		161 22 05
	Forward friction 117mm x 1.80 x 32T (4)	84-90	161 11 03				
	Forward steel 125mm x 2.0 x 26T (3)	79-90	161 12 02				

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Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
	Input carrier front 58 x 42 x 1.5 4 ext lugs (S)		161 22 06		TOOLS		
	Input carrier rear 53 x 42 x 1.6 x 4 ext lugs (S)		161 22 07				
	Reaction carrier to low race front 76.5 x 60 x 3.5 P		161 22 08		Manual		161 33 20
	Reaction carrier rear 71 x 54 x 1.6 x 4 int lugs (S)		161 22 09				
	Needle - driven sprocket front 73 x 54 x 3.5		161 23 01				
	Sprock to sprocket support 73 x 64 x 4 (P)		161 22 03				
	Input gearset 0.670" x 0.325" x 0.025"		161 22 27				
	Input gearset batwing		161 22 28				
	Rear gearset planet thrust 0.800" x 0.405" x 0.024"		161 22 26				
	Final drive planet 0.980" x 0.435" x 0.025"		161 22 29				
	Final drive planet (late) 0.980" x 0.550" x 0.025"		161 22 30				
	CIRCLIPS						
	Reaction sun selective - 0.089"/0.093" pink		161 32 01				
	Reaction sun selective - 0.096"/0.100" brown		161 32 02				
	Reaction sun selective - 0.103"/0.106" light blue		161 32 03				
	Reaction sun selective - 0.109"/0.113" white		161 32 04				
	Reaction sun selective - 0.116"/0.120" yellow		161 32 05				
	Reaction sun selective - 0.123"/0.127" light green		161 32 06				
	Reaction sun selective - 0.129"/0.133" orange		161 32 07				
	Reaction sun selective - 0.136"/0.140" plain		161 32 08				
	HARD PARTS						
	Drive chain (early 20mm wide. 6 links @ widest)		161 29 01				
	Drive chain (late 24mm wide. 7 links @ widest)		161 29 06				
	Narrow driven sprocket 35 teeth		161 29 25				
	Narrow drive sprocket 35 teeth		161 29 23				
	Narrow driven sprocket 37teeth		161 29 24				
	Narrow drive sprocket 33 teeth		161 29 22				
	Wide driven sprocket 35 teeth 1600cc & 1800cc		161 29 10				
	Wide drive sprocket 35 teeth 1600cc & 1800cc		161 29 09				
	Wide driven sprocket 37 teeth 1300cc & diesel		161 29 21				
	Wide drive sprocket 33 teeth 1300cc & diesel		161 29 20				
	Stator support		161 39 01				
	Turbine shaft 147 mm long	80-81	161 38 01				
	Turbine shaft 151 mm long	82-90	161 38 02				
	Pump shaft - 15 spline & 7.50" long		161 29 02				
	Pump shaft - 8.50" long 16.00 mm journal (plain)		161 29 04				
	Pump shaft - 8.50" long 17.50 mm journal (wavy)		161 29 12				
	Pump vane rotor - 15 spline		161 29 03				
	Pump vane kit		161 29 26				
	Pump vane ring		161 29 29				
	Forward clutch drum		161 29 07				
	Forward clutch piston		161 45 01				
	Low & reverse clutch piston		161 29 11				
	Chain tensioner block		161 29 08				
	Governor		161 29 05				
	Top & reverse drum		161 29 13				
	Reaction sun gear		161 65 02				
	Front planetary		161 66 01				
	Input sun gear		161 65 01				
	Input gear		161 29 16				
	Servo spring (second band)		161 24 01				
	Accumulator spring plain 3.2mm wire dia (early)		161 24 02				
	Accumulator spring purple 3.6mm wire dia (late)		161 24 03				
	Low roller clutch (springs, rollers & cage)		161 44 01				
	Selective intermediate band pin (2 groove)		161 29 17				
	Selective intermediate band pin (1 groove)		161 29 18				
	Selective intermediate band pin (nil groove)		161 29 19				
	TORQUE CONVERTERS						
	Astra & Cavalier 1.6, 1.8, & 2.0 & Belmont		161 30 01				
	Astra & Cavalier 1.3 (& Astra diesel to 2991)		161 30 02				
	Astra (from 2992) & Cavalier diesel		161 30 03				