

**CHEVROLET**  
**WARNER GEAR T10 (EARLY)**  
**4-SPEED MANUAL TRANSMISSION**  
**ASSEMBLIES, GEARS & PARTS**

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**APPLICATIONS:**

**1957-1963**

**CHEVROLET**

**CHEVROLET (HIGH PERFORMANCE)**

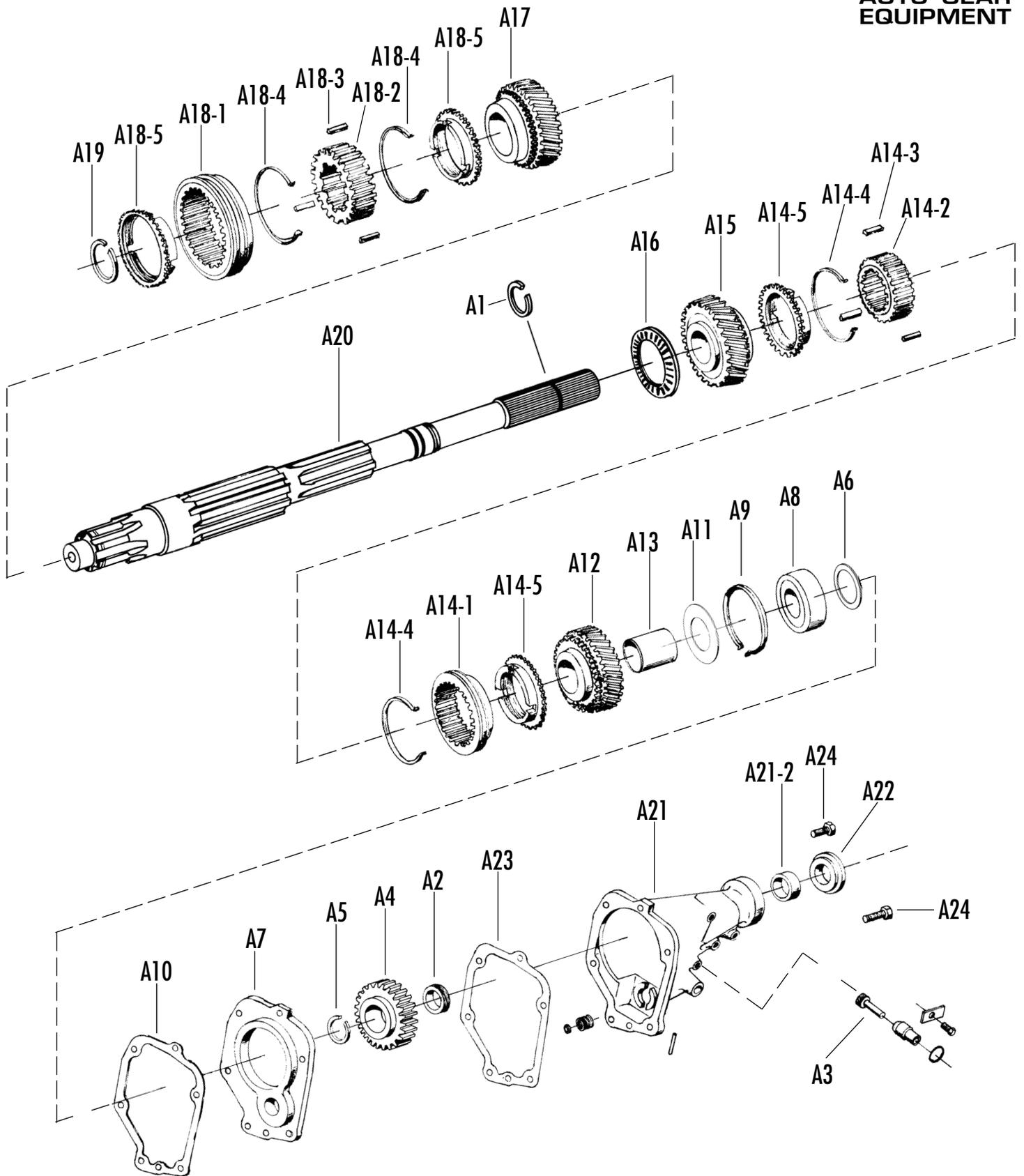
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**AUTO GEAR EQUIPMENT**

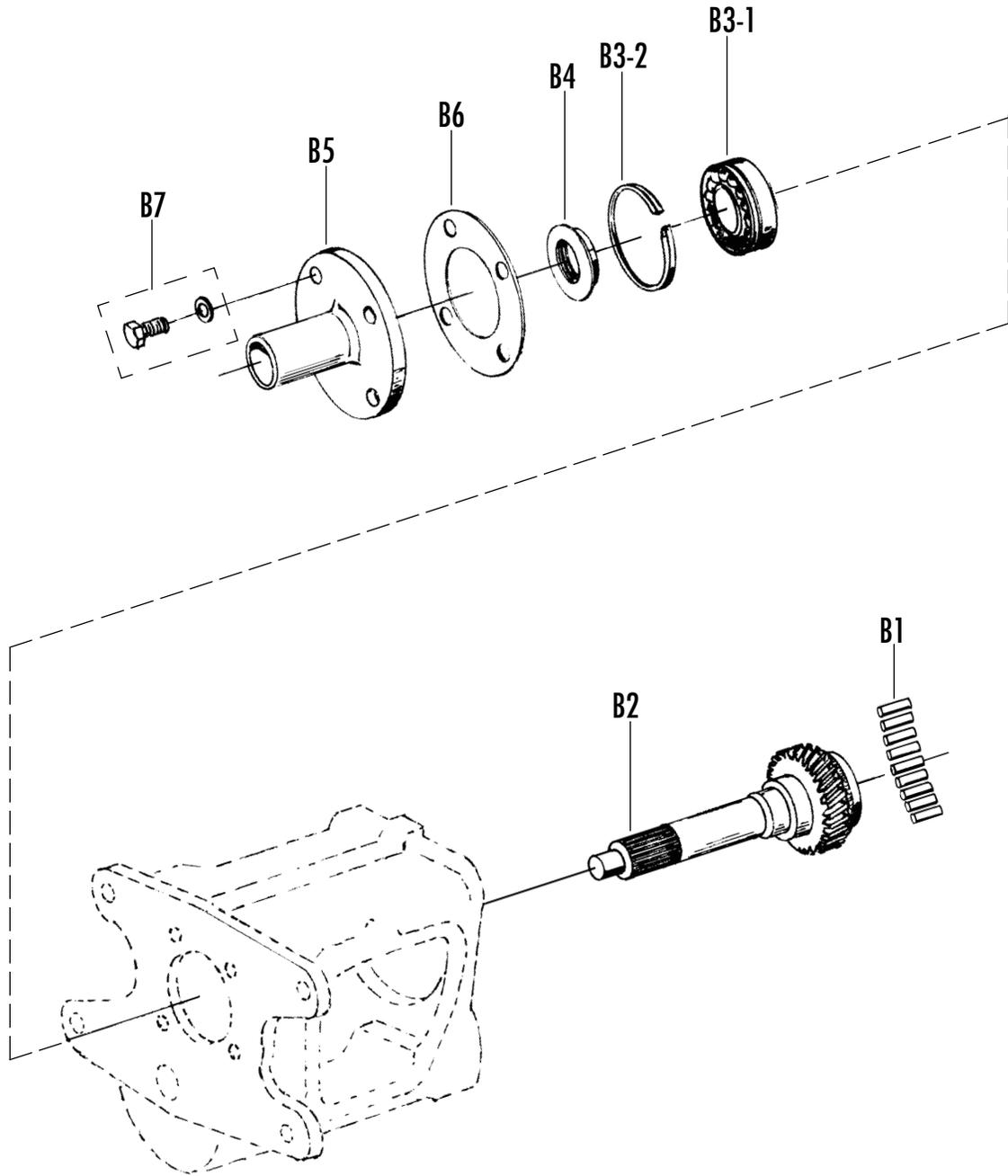
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# CHEVROLET BORG WARNER T10

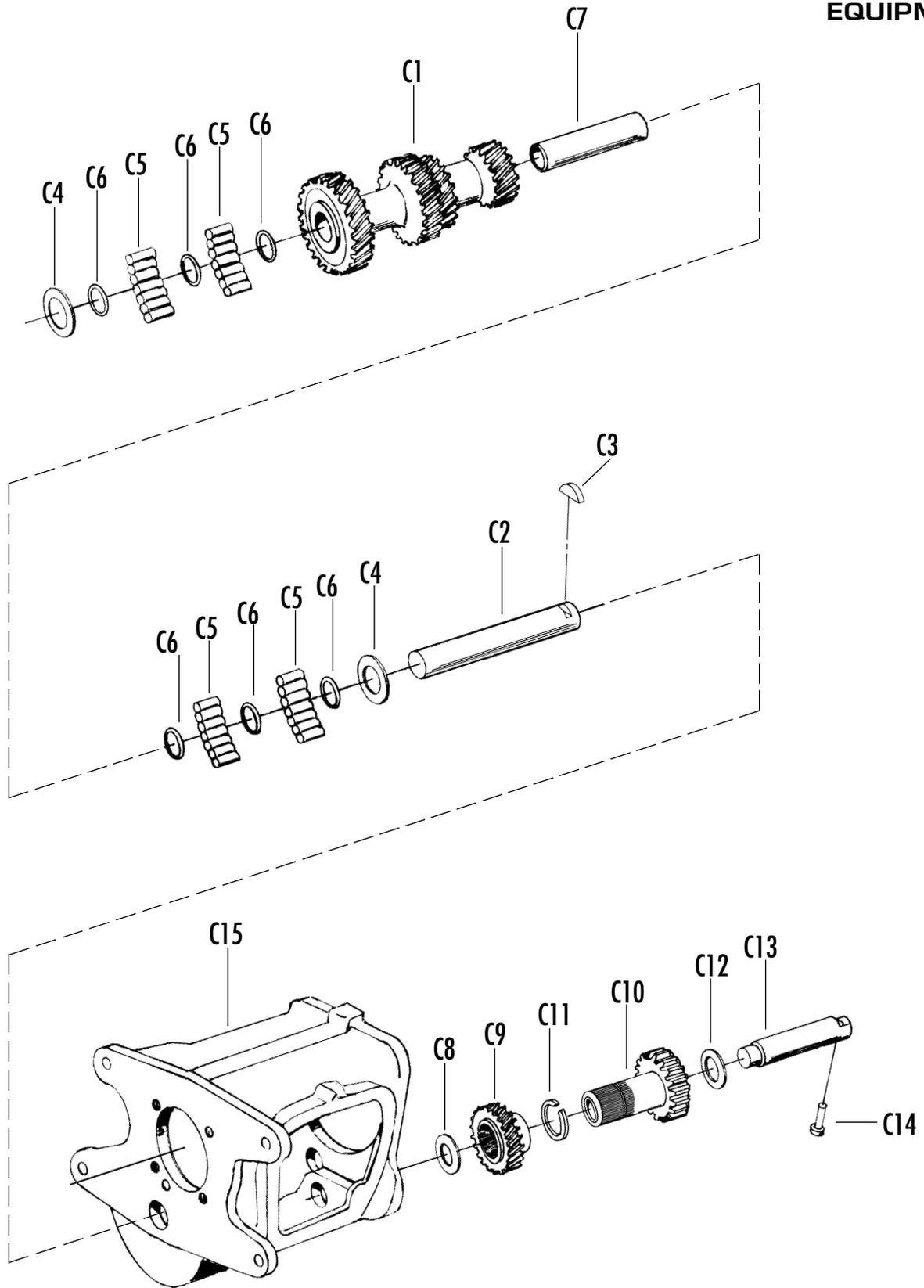
AGE  
AUTO GEAR  
EQUIPMENT



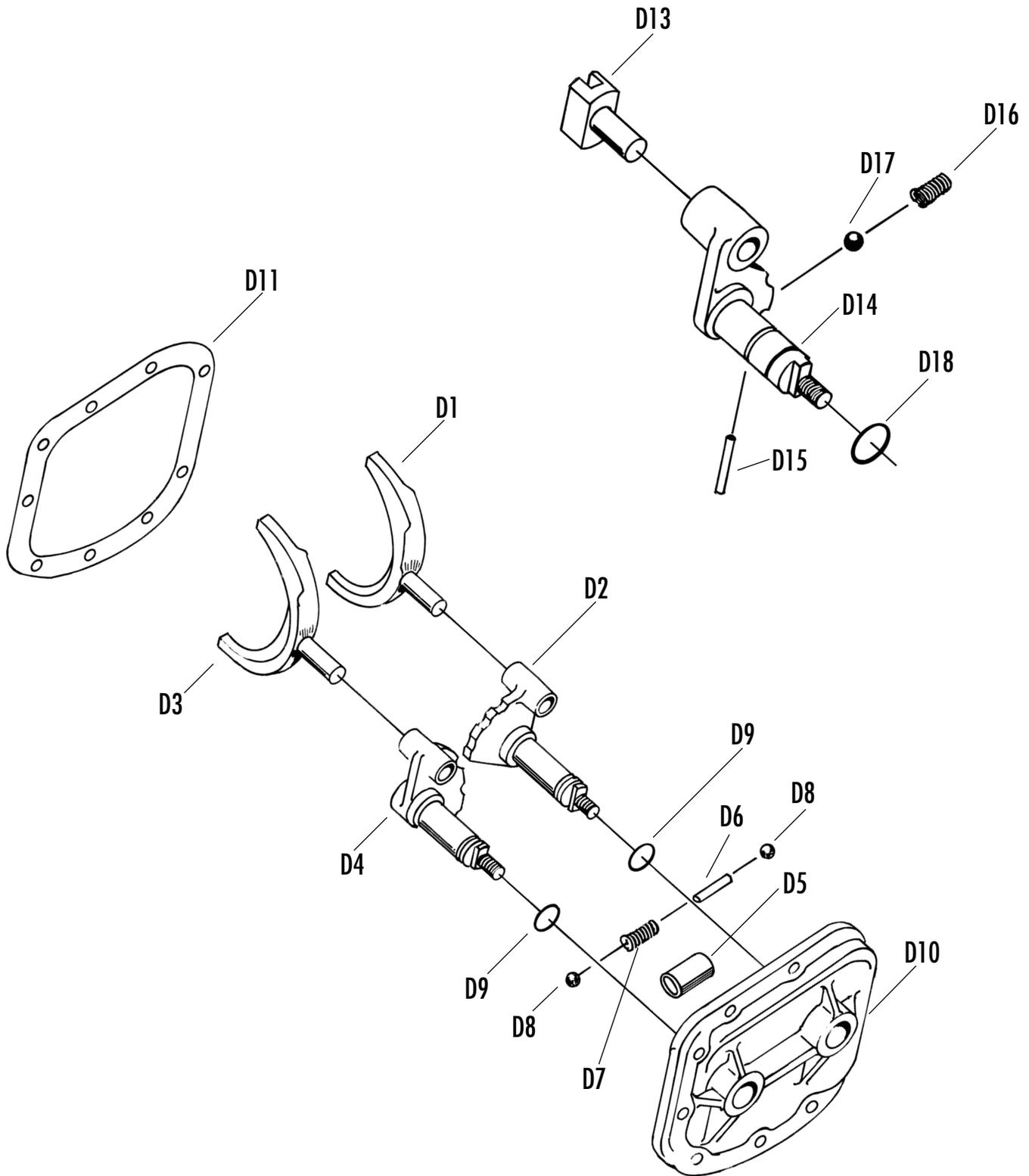
**CHEVROLET BORG WARNER T10**



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## GROUP A: MAINSHAFT

A2	Speedometer Circle Gear L6T steel: 1.92" OD L8T steel: 1.76" OD L8T steel: 1.84" OD		3845079 3708145 3708144	3845079 T10-169 T10-169B
A3	Speedometer Pencil Gear L20T steel L20T steel <i>NOTE: these TWO (2) gears used with 1.92" outside diameter circle gear.</i> L22T green nylon L22T green nylon L23T black nylon L24T yellow nylon L24T yellow nylon L25T orange nylon <i>NOTE: these SIX (6) gears used with 1.76" outside diameter circle gears.</i> L17T purple nylon L18T brown nylon L19T natural nylon L20T blue nylon L21T red nylon L22T silver nylon <i>NOTE: these SIX (6) gears used with 1.84" outside diameter circle gears.</i>	(1957-60) (1961-63)  (1957-60) (1961-63) (1961-63) (1957-60) (1961-63) (1961-63)  (1961-63) (1961-63) (1961-63) (1961-63) (1961-63)  (1961-63) (1961-63) (1961-63) (1961-63) (1961-63) (1961-63)	3845071 3860329  3708699 3860345 3860346 3708143 3860347 3860348  3987917 3987918 3987919 3987920 3987921 3987922	3845071 3860329  3708699 3860345 3860346 3708143 3860347 3860348  3987917 3987918 3987919 3987920 3987921 3987922
A4	Mainshaft Reverse Gear S39-s6T		3774912	T10-46A
A5	Mainshaft Bearing/Shaft Snapping 0.086" 0.089" 0.092" 0.095" 0.098" 0.101"	as req. as req. as req. as req. as req. as req.	3709351 3709352 3709353 3709354 3709355 3709356	4734 4734A 4734B 4734C 4734D 4734E
A6	Mainshaft Bearing Spacer all		3709350	4652U
A7	Mainshaft Bearing Support all		3782213	T10-107B
A8	Mainshaft Bearing all		907271	6307NR
A9	Mainshaft Bearing/Support Snapping all		3725439	4829
A10	Mainshaft Bearing Support Gasket all		3787721	T10-145.5C
A11	Mainshaft 1st Gear Thust Washer all		3743460	T10-63
A12	Mainshaft 1st Gear L36-s36T <i>NOTE: Borg Warner offered T10H-12 in SAE 9310 alloy as T10E-12 (GMC #1358577).</i>		3743458	T10H-12

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A13	Mainshaft 1st Gear Bushing all		3743459	T10-33
A14	Mainshaft 1st/2nd Synchronizer Assy all		3743456	AT10-80
	<i>NOTE: service with AT10P-80.</i>			
A14-1	Clutch all		3745685	T85B-15
A14-2	Hub all		3743457	T10-80
A14-3	Strut all	req. 3	3709306	T85B-13
A14-4	Spring all	req. 2	3709349	T91A-26
A14-5	Mainshaft 1st/2nd Synchronizer Rings s36T	req. 2	3709348	T91A-14A
	<i>NOTE: service with T10W-14A.</i>			
A15	Mainshaft 2nd Gear L32-s36T	(1957-62)	3743455	T10-31
	L30-s36T	(1962-63)	3910353	T10H-31
	<i>NOTE: Borg Warner offered T10H-31 in SAE 9310 alloy as T10E-31 (GMC #1358579).</i>			
A16	Mainshaft Thrust Bearing all		457096	4830
A17	Mainshaft 3rd Gear (Assy) L29-s36T: w/ bushing	(1957-60)	3743452	AT10-11
	L29-s36T: w/o bushing	(1961-63)	3817181	T10J-11
	<i>NOTE: Borg Warner offered T10J-11 in SAE 9310 alloy as T10E-11 (GMC #1358576).</i>			
A18	Mainshaft 3rd/4th Synchronizer Assy all		3709345	1AT89A-2.5
	<i>NOTE: service with AT16-2.5.</i>			
A18-1	Clutch all		3745685	T85B-15
A18-2	Hub all			T89A-2.5
A18-3	Strut all	req. 3	3709306	T85B-13
A18-4	Spring all	req. 2	3709349	T91A-26
A18-5	Mainshaft 1st/2nd Synchronizer Rings s36T	req. 2	3709348	T91A-14A
	<i>NOTE: For service use T10W-14A.</i>			
A19	Mainshaft 3rd/4th Synchronizer Snapping all		3709351	4734
A20	Mainshaft s6-10-6-16T	(1957-60)	3743450	T10-2
	<i>NOTE: this ONE (1) shaft used with bushed 3rd gear.</i>			
	s6-10-6-16T	(1961-63)	3783314	T10A-2
	<i>NOTE: this ONE (1) shaft used with unbushed 3rd gear.</i>			
A21	Mainshaft Extension Assy all		3813488	AT10-7D
A21-2	Mainshaft Bushing all		6260048	6260048

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A22	Mainshaft Oilseal all		3746213	15041CR
A23	Mainshaft Extension Gasket all		3787720	T10-146A
A24	Mainshaft Extension Fasteners 7/16-14 x 1-1/8 HHCS (SAE 5) 1/2-13 x 1-7/8 HHCS (SAE 5)	req. 2 req. 3		179859 179888

### GROUP B: MAINDRIVE AND RETAINER

B1	Mainshaft Pilot Rollers all	req. 14	3743449	T10-26
B2	Maindrive Gear L27-s36T <i>NOTE: Borg Warner offered T10-16 in SAE 9310 alloy as T10K-16 (GMC #9771377).</i> L25-s36T <i>NOTE: Borg Warner offered T10A-16 in SAE 9310 alloy as T10E-16 (GMC #1358578).</i> <i>NOTE: these TWO (2) gears used with 307 bearing and snapping.</i> L27-s36T L25-s36T <i>NOTE: these TWO (2) gears used with 207 bearing and nut.</i>		(1957-62) 3743447 (1962) 3783316 (1963) 3819118 (1963) 3792695	T10-16 T10A-16 T10C-16 T10D-16
B3	Maindrive Bearing all all		(1957-62) 907372 (1963) 907930	6307NR 6207NR
B4	Maindrive Bearing Fasteners nut		(1963) 591150	T10D-53
B5	Maindrive Retainer all <i>NOTE: this ONE (1) retainer used with 307 bearing.</i> all <i>NOTE: this ONE (1) retainer used with 207 bearing.</i>		(1957-62) 3709331 (1963) 604932	T89B-6 T10D-6
B6	Maindrive Retainer Gasket for 307 bearing for 207 bearing		(1957-62) 3743481 (1963) 591022	T10-145 T10D-145
B7	Maindrive Retainer Fasteners 5/16-18 x 7/8 HHCS 5/16 lockwasher	req. 4 req. 4		179817 114605

### GROUP C: COUNTERSHAFTS AND CASE

C1	Countershaft Cluster Gear R28-23-20-17T R30-23-20-17T R28-23-19-17T <i>NOTE: Borg Warner offered T10C-8 in SAE 9310 alloy as T10K-8 (GMC #9771378).</i> R30-23-19-17T <i>NOTE: Borg Warner offered T10D-8 in SAE 9310 alloy as T10E-8 (GMC #9771379).</i>		(1957-61) 3746271 (1962) 3783317 (1962-63) 3817378 (1962-63) 3817379	T10-8 T10A-8 T10C-8 T10D-8
C2	Countershaft all		3709300	T85B-3

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C3	Countershaft Key #5 Woodruff key				103905
C4	Countershaft Thrust Washer all	req. 2		3740819	T10-30
C5	Countershaft Rollers all	req. 80		3709328	S443Q
C6	Countershaft Roller Spacer all	req. 6		3709324	T89A-29
C7	Countershaft Roller Tube 7/8 diameter			3709323	T89A-28
C8	Idler Gear (Front) Thrust Washer all			3774909	T10-88A
C9	Idler Gear (Assy) (Front) L18-s4T L18-s27T		(1957-60) (1960-63)	3746273 3774904	AT10-10 T10-10A
C10	Idler Gear Assy (Rear) S19-s4T S19-s27T		(1957-60) (1960-63)	3770634 3774905	AT10-34B AT10-34C
C11	Idler Gear (Rear) Snapping all		(1960-63)	3774910	4821A
C12	Idler Gear (Rear) Thrust Washer all			3740819	T10-30
C13	Idler Shaft all			3746277	T10-35
C14	Idler Shaft Lockpin all			590832	590832
C15	Case Assy cast iron aluminum <i>NOTE: these TWO (2) are used with 307 maindrive bearing.</i> aluminum <i>NOTE: this ONE (1) case used with 207 maindrive bearing.</i>		(1957-61) (1961-62) (1963)	3772339 3782212 3792694	T10-1B T10-1C T10D-1

### GROUP D: INTERNAL SHIFT LINKAGE

D1	1st/2nd Shift Fork all			3746272	T10-23
D2	1st/2nd Shift Lever Assy 5/16 external thread			1379207	AT10-40A
D3	3rd/4th Shift Fork all			3746272	T10-23
D4	3rd/4th Shift Lever Assy 5/16 external thread				2AT10-40

## CHEVROLET BORG WARNER T10

D5	Interlock Sleeve			
	1.0085		3709313	T85B-86B
	1.0135		3709312	T85B-86A
	1.0185		3709311	T85B-86
	1.0235		3709314	T85B-86C
D6	Interlock Pin			
	all		3709315	T85B-87
D7	Detent Spring			
	all		3709310	T85B-42
D8	Detent Ball			
	all		453593	453593
D9	Shift Lever O-Ring			
	all	req. 2	3845164	T89B-108
D10	Shift Cover			
	all		1378078	T10-148C
D11	Shift Cover Gasket			
	all		3709316	T85B-115
D12	Shift Cover Fasteners			
	5/16-18 x 3/4 HHCS	req. 9	9424877	179816
D13	Reverse Shift Fork			
	all		3743478	T10-24
D14	Reverse Shift Lever Assy			
	all		3930922	3AT10-41
D15	Reverse Shift Lever Taper Pin			
	all		103565	103565
D16	Reverse Shift Detent Spring			
	all		3773017	T10-42
D17	Reverse Shift Detent Ball			
	all		453593	453593
D18	Reverse Shift Lever O-Ring			
	all		3845164	T89B-108