

TRANSMISSION

GROUP IX

SPECIFICATIONS

Gear Ratio, 1st	3.714 to 1
2nd	1.871 to 1
3rd	1 to 1
Reverse	4.588 to 1
Oil Capacity	5½ lbs.
Total Gear Reduction	
Transmission 1st x Standard Rear Axle.....	15.19 to 1

PARTS LIST

No. Req'd.	Part Number	Description
TRANSMISSION		
1	81129	TRANSMISSION ASSEMBLY—Without Brake
1	63850	CASE AND STUD ASSEMBLY
4	63833	STUD—Only
1	63798	PLUG—¾" Countersunk Pipe (Filler)
1	63799	PLUG—¾" Magnetic Pipe (Drain)
1	63863	GEAR—Main Drive
1	63870	BAFFLE—Main Drive Gear Oil Retaining
1	63864	BEARING—Main Drive Gear
1	63865	RING—Main Drive Gear Bearing Snap
As Req.	63866	RING—Main Drive Gear Snap (.093 to .095)
As Req.	63867	RING—Main Drive Gear Snap (.096 to .098)
As Req.	63868	RING—Main Drive Gear Snap (.099 to .101)
As Req.	63869	RING—Main Drive Gear Snap (.102 to .104)
As Req.	63859	GASKET—Main Drive Gear Bearing Retainer (.008 to .012)
As Req.	63860	GASKET—Main Drive Gear Bearing Retainer (.0135 to .0165)
As Req.	63861	GASKET—Main Drive Gear Bearing Retainer (.018 to .022)
As Req.	63862	GASKET—Main Drive Gear Bearing Retainer (.0225 to .0275)
1	63858	RETAINER—Main Drive Gear Bearing
4	106325	BOLT—Main Drive Gear Bearing Retainer Hex Hd.
4	138487	WASHER—Main Drive Gear Bearing Retainer Bolt Lock (Shakeproof)
16	63871	ROLLERS—Mainshaft Pilot Bearing
1	63843	RING—Second & High Clutch Hub Snap
1	63835	SYNCHRONIZER UNIT ASSEMBLY
1	63836	HUB—Second & High Clutch
1	63837	SLEEVE—Second & Direct Speed Clutch
3	63838	PLATE—Shifting
2	63839	SPRING—Synchronizer
2	63842	RING—Synchronizer Blocking
1	63840	GEAR AND BUSHING ASSEMBLY—Mainshaft Second Speed
1	63897	BUSHING—Mainshaft Second Speed Gear
1	63834	MAINSHAFT
1	63844	GEAR—Mainshaft Low & Reverse
1	63160	BAFFLE—Mainshaft Oil Retaining
1	63845	BEARING—Mainshaft Rear
1	63846	RING—Mainshaft Rear Bearing Snap
As Req.	63873	GASKET—Mainshaft Rear Bearing Retainer (.009 to .011)
As Req.	63874	GASKET—Mainshaft Rear Bearing Retainer (.0135 to .0165)
As Req.	63875	GASKET—Mainshaft Rear Bearing Retainer (.018 to .022)
As Req.	63876	GASKET—Mainshaft Rear Bearing Retainer (.0225 to .0275)
1	63872	RETAINER ASSEMBLY—Mainshaft Rear Bearing
2	80198	BUSHING—Speedometer & Taximeter Driven Gear
1	122135	BOLT—Mainshaft Rear Bearing Retainer Hex Hd.
3	106333	BOLT—Mainshaft Rear Bearing Retainer Hex Hd.
4	120930	WASHER—Mainshaft Rear Bearing Retainer Bolt Lock (Shakeproof)
1	63796	SPACER—Speedometer Drive Gear

TRANSMISSION**GROUP 9****PARTS LIST**

No. Req'd.	Part Number	Description
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TRANSMISSION (CONT.)

1	81207	GEAR—Speedometer Drive
1	63899	SEAL ASSEMBLY—Mainshaft Oil
1	63896	FLANGE—Companion
1	63841	NUT—Mainshaft Hex
1	63851	WASHER—Countershaft Front Thrust
1	63847	GEARS—Countershaft
2	63848	BEARING—Countershaft
1	63849	SPACER—Countershaft Bearing
1	63852	WASHER—Countershaft Rear Thrust (Bronze)
1	63853	WASHER—Countershaft Rear Thrust (Steel)
1	63854	COUNTERSHAFT
1	63857	GEAR ASSEMBLY—Reverse Idler
1	63898	BUSHING—Reverse Idler Gear
1	63855	SHAFT—Reverse Idler
1	63856	PLATE—Idler & Countershaft Lock
1	100133	BOLT—Idler & Countershaft Lock Plate Hex Hd.
1	115093	WASHER—Idler & Countershaft Lock Plate Bolt Lock
1	63877	CONTROL HOUSING & STUD ASSEMBLY
1	63819	STUD—Cross Shift Lever
1	63895	GASKET—Control Housing
6	179838	BOLT—Control Housing to Case Hex Hd.
6	120930	WASHER—Control Housing to Case Bolt Lock (Shakeproof)
1	63883	LEVER—Inner Shifting
2	63894	RING—Shifting Shaft "C" Snap
1	63882	SPRING—Shifting Shaft
1	63884	SHAFT—Shifting
1	106751	KEY—Shifting Shaft #9 Woodruff
1	63888	SEAL ASSEMBLY—Shifting Shaft Oil
1	53886	LEVER—Outer Shifting
1	118775	WASHER—Shifting Shaft Plain Flat
1	115093	WASHER—Shifting Shaft Lock
1	114942	NUT—Shifting Shaft Hex
1	63885	LEVER—Cross Shift
1	63893	SPACER—Cross Shift Lever Stud
1	138487	WASHER—Cross Shift Lever Stud Lock (Shakeproof)
1	115729	NUT—Cross Shift Lever Stud Hex
1	63878	RAIL—Second & Direct Shift
1	63880	FORK—Second & Direct Shift
1	63879	RAIL—Low & Reverse Shift
1	63881	FORK—Low & Reverse Shift
2	63891	SCREW—Shift Fork Lock
4	103892	PLUG—Control Cover Expansion
2	63887	SPRING—Poppet
2	63890	RAIL—Poppet Spring Steel
1	63889	PLUNGER—Interlock
1	63892	PLUG—Control Cover Taper
1	80735	GEAR—Speedometer Driven
1	80196	GEAR—Speedometer Driven (Special for 4.55-1 Axle)
1	80736	GEAR—Taximeter Driven (Not Shown on Illustration)
1	80197	GEAR—Taximeter Driven (Special for 4.55-1 Axle)
2	80199	SLEEVE NUT—Speedometer Drive
1	23261	NUT—Taximeter Drive Cap (Not Shown on Illustration)
4	116121	WASHER—Transmission to Flywheel Housing Lock
4	115731	NUT—Transmission to Flywheel Housing Hex.
1	81130	TRANSMISSION ASSEMBLY—With Brake (Special Equipment)