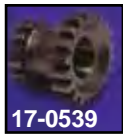




4-Speed Big Twin Transmission

Refer to opposite page for photo regarding this listing.

Gear	#of Teeth	Ratio	Model	Year	VT No.	Motor Shop	Jims	Andrews	OEM	Note	#
Mainshaft Gears											
1st and 2nd	15 x 20	Stock	UL/FL	1938-58	17-0539	—	—	17-1093	35282-36	1	A
1st and 2nd	15 x 20	Stock	FL/FLH	1959-84	17-0197	—	—	17-1091	35282-59		A
1st and 2nd	17 x 20	Stock	FX/FXE	1974-79	17-0198	—	—	—	35282-74		A
1st and 2nd	17 x 25	Stock	FX/FXE	1980-85	17-0542	—	—	—	35282-79		A
3rd	24	Stock	UL/FL	1938-58	17-9829	—	—	17-1048	35306-36	2	B
3rd	24	Stock	FL/FX	1959-85	17-0188	—	—	—	35306-59		B
3rd	24	Stock	FL/FX	1959-85	—	17-0545	—	17-8230	35306-59	3	C
3rd	23	1.35:1	FL/FX	1937-85	17-9901	—	—	17-9755	—	4	B
4th	26	Stock	FL/FX	1941-76	17-0194	—	—	17-8231	35065-65B		D
4th	26	Stock	FL/FX	1977-85	17-0195	—	—	17-8232	35067-77	5	D
3-4 Shift Clutch			FL/FX	1941-85	17-0113	17-0114	—	17-8234	35440-38		E
3-4 Shift Fork			FL/FX	1941-85	17-0115	17-0122	—	17-9750	34158-36	6	F
Countershaft Gears											
1st	26	Stock	UL/FL	1936-85	17-0199	—	—	17-1092	35765-36		G
1st	24	Stock	FX/FXE	1974-85	17-0196	—	—	—	35717-74		G
2nd	21	Stock	FL/FX	1936-85	17-0782	17-0896	—	17-8229	35751-36		H
2nd	24	Stock	FXWG	1980-85	17-9753	—	—	—	35751-79		H
3rd and 4th	15 x 17	Stock	FL/FX	1941-75	17-0200	—	—	17-8236	35713-36		I
3rd and 4th	15 x 17	Stock	FL/FX	1976-84	17-0201	—	—	17-8237	35716-76		I
1-2 Shift Clutch			FL/FX	1941-85	17-0112	17-0114	—	17-8233	35665-36		J
1-2 Shift Fork			FL/FX	1941-85	17-0116	17-0122	—	17-9750	34159-36	6	K
Speedometer Drive			FL/FLH	1937-E61	17-9160	—	—	—	35635-36		L
Speedometer Drive			FL/FLH	L1961-68	17-9161	—	—	—	35635-62		L
Speedometer Drive			FL/FLH	1969-80	17-0094	—	—	—	35635-69	7	L
Counter/Mainshafts											
Mainshaft			FL/FLH	1937-64	17-0139	17-0223	—	17-8500	35039-50		M
Mainshaft			FL/FLH	1965-69	17-0140	17-0224	—	17-8501	35040-65		M
Mainshaft			FL/FX	1970-84	17-0141	17-0142	—	17-8502	35039-70		M
Mainshaft			FL/FX	L80-E84	17-0144	—	—	—	35039-80		M
Mainshaft			FL/FX	1985-86	—	—	—	17-8503	35039-85	8	M
Countershaft			FL/FX	1936-75	17-0128	17-0325	17-0125	17-7650	35614-65		N
Countershaft			FL/FX	1976-79	17-0129	17-0326	17-0131	17-7651	35614-76		N
Countershaft			FL/FX	1980-85	17-0130	17-0327	17-0138	17-0137	35614-80		N



Gear Sets

1st	17 x 20	2.44:1	FL/FX	1937-85	17-0190	—	—	17-8225	—	9	A,G
1st	16 x 20	2.60:1	FL/FX		17-0191	—	—	17-8226	—		A,G
1st	15 x 20	3.00:1	FL/FX	1938-58	17-0202	—	—	—	—		A,B
1st	15 x 20	3.00:1	FL/FX	1938-58	—	—	—	17-1052	—	1, 10	A,G
1st	15 x 20	3.00:1	FL/FX	1959-85	—	—	—	17-1049	—	10	A,G
1st and 2nd (2.24 1st and 1.65 2nd)			FL/FX	1937-85	17-0060	—	—	17-6656	—		A,G
3rd		1.35:1	FL/FX	1937-75	—	—	—	17-8227	—		B, I
3rd		1.35:1	FL/FX	1976-85	17-9158	—	—	17-8228	—		B, I

Complete Gear Sets include A, B, C, D, E, F, G, H, I, J

2.44 1st, 1.35 3rd			FL/FX	1936-76	—	—	—	17-6000	—	11	
2.44 1st, 1.35 3rd			FL/FX	1977-84	—	—	—	17-6004	—	11	
2.44 1st, 1.23 3rd			FL/FX	1936-76	—	—	—	17-6001	—	9, 11	
2.44 1st, 1.23 3rd			FL/FX	1977-84	—	—	—	17-6005	—	9, 11	
2.60 1st, 1.35 3rd			FL/FX	1936-76	—	—	—	17-6002	—	11	
2.60 1st, 1.35 3rd			FL/FX	1977-84	17-6027	—	—	17-6006	—	11	
2.60 1st, 1.23 3rd			FL/FX	1936-76	—	—	—	17-6003	—	11	
2.60 1st, 1.23 3rd			FL/FX	1977-84	17-6028	—	—	17-6007	—	11	

Notes:

- 1-2 Cluster has no rear counterbore and requires short length 1936-58 early third gear.
- V-Twin gear has bronze bushing. Andrews gear is machined to size no bushing is used.
- Motor Shop and Andrews Gear features ball milled lead in ramps. Can be used in early transmission, requires late type 1959-85 1-2 Cluster.
- Replacement for 1.35:1 3rd Gear Set only.
- Andrews Gear is updated type with O-Ring groove.
- Sifton and Andrews Shift Forks sold in sets only included 1 each, lead main and counter.
- Use VT No. 36-0810 Speedometer Drive for 17-9160 use 36-0812 drive for 17-0094.
- For Rear Belt Drive Models
- Stock FX ratio
- Stock FL ratio.
- Does not include Mainshaft and Countershaft

Reverse and 3-Speed Big Twin Transmission Parts

VT No.	OEM	Description
17-9876	33231-64	Idler Spacer Washer
17-9877	33626-72	H. Shift Mirror Mount
43-9106	34800-65	3-Speed Lid Assembly
17-9888	35073-70	Low Gear Mainshaft
17-9890	35762-39	Countershaft Low, 3-Speed and Reverse
17-9892	36140-36	Idler Gear
17-9893	36150-31	Bushing Idler Gear
17-9894	36158-36	Idler Shaft
17-1190	35775-39	Countershaft
12-1520	35703-39	Cluster Gear
17-9815	35775-39	Countershaft Gear