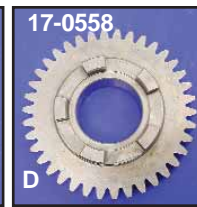
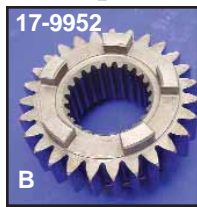




# 5-Speed Transmission Internals



**Complete Gear Set with 2.94 1st Gears.**  
VT No. 17-6105



**5-Speed Close Ratio 2.94 Low Gear Set** closes the gap between 1st and 2nd. Adds about 5 m.p.h. of usable 1st gear. Replaces 35025-79C 1st mainshaft, 35622-79C 1st countershaft.

**VT No. Type**  
17-6100 Andrews  
17-9828 V-Twin

## 5-Speed Transmission Gears and Shafts, Stock Ratio.

Gear/Shaft	Stock OEM	Stock V-Twin	OE	Andrews w/stock 1st	w/2.94 1st	Jims	Year	#
First Mainshaft	35025-79B	17-0550	—	17-7652	—	17-0562	1979-up	A
Mainshaft 2nd	35026-79C	17-9922	—	17-9857	—	—	1979-93	B
Countershaft 3rd	35026-94	—	17-9952*	—	—	—	1994-up	B
Mainshaft 2nd	35027-79B	17-0549	—	17-9858	—	—	1979-93	C
Countershaft 2nd	35027-94	—	17-9953*	—	—	—	1994-up	C
Mainshaft 3rd	35028-79B	—	—	17-9860	—	17-0568	1979-93	D
Countershaft 2nd	35028-94	—	17-0558*	—	—	—	1994-up	D
4th Mainshaft	35029-79	—	17-0577	17-9861	—	—	1979-84	E
4th Mainshaft	35029-85A	—	17-0524	17-9862	—	—	1985-90	E
5th Mainshaft	35029-91A	—	—	17-9942	—	—	1991-93	E
5th Mainshaft	35029-94	—	17-9950*	—	—	—	1994-up	E
Mainshaft	35042-79	17-9920	—	17-9898	—	—	1981-84	F
Mainshaft	35042-85	17-0579	17-0525	17-9899	—	—	1985-89	F
Mainshaft	35042-90	—	—	17-8238	—	—	1990 only	F
Mainshaft	35042-91	17-0543	17-0153	17-9943	—	—	1991-up	F
1st Countershaft	35622-79C	—	17-0526	17-7653	—	—	1979-up	G
4th Countershaft	35625-79A	—	17-0527	17-9859	—	17-0565	1979-93	H
4th Countershaft	35625-94	—	17-0559*	—	—	—	1994-up	H
5th Countershaft	35626-79B	—	—	17-9863	—	—	1979-93	I
5th Countershaft	35626-94	—	17-9951*	—	—	—	1994-up	I
Countershaft	35632-79	17-0544	17-0529	17-9897	—	17-0574	All	J
Countershaft	Sputhe	17-0548	—	—	—	—	Shorter	J

## 12 Piece Gear Sets

Gear Set A-J	VT	17-0584	—	—	17-6105	—	1991-up	Set
Gear Set A-J	Andrews	—	—	17-6016	17-6081	—	1981-84	Set
Gear Set A-J	Andrews	—	—	17-6017	17-6085	—	1985-89	Set
Gear Set A-J	Andrews	—	—	17-6018	17-6090	—	1990	Set
Gear Set A-J	Andrews	—	17-0584	17-6019	17-6091	—	1991-up	Set

\*Note: 1994-up gears can be used in ear lier transmissions but only in matched sets.