



5-Speed Big Twin Transmission

VT No.	OEM	#	Item
12-1178	601	1A	Roll Pin
17-0512	3784	1	Set screw fork
37-9195	6016	2	Washer 1 ¹ / ₃₂ " x 1 ¹ / ₁₆ " x 1 ¹ / ₁₆ "
12-0562	7515	3	Jam Nut 7 ¹ / ₁₆ " x 1 ¹ / ₄ " x 1 ¹ / ₁₆ "
12-0938	11016	5	Retaining Ring, 10 pk
12-0948	11083	6	Retaining Ring, 1979-99
12-0992	11319	6	Retaining Ring, 2000-up
12-0299	9114	7	Right Cam Shifter Bearing
12-0298	9115	8	Left Cam Shifter Bearing
17-9854	33119-79B	9	Adjusting Screw Shifter Arm
17-9855	Set	10	8 piece, 1 ea Thrust Assortment
17-0530	33205-80	10	.017 Shift Thrustwasher
17-0531	33206-80	10	.020 Shift Thrustwasher
17-0532	33207-80	10	.022 Shift Thrustwasher
17-0533	33208-80	10	.025 Shift Thrustwasher
17-0534	33209-80	10	.028 Shift Thrustwasher
17-0535	33210-80	10	.031 Shift Thrustwasher
17-0536	33211-80	10	.035 Shift Thrustwasher
17-0537	33212-80	10	.039 Shift Thrustwasher
37-9134	3993	11	Bolt 1 ¹ / ₄ "-20 1 ¹ / ₄ " Hex Head
37-9135	6736	12	Washer 9 ¹ / ₃₂ " x 5 ¹ / ₈ " x 1 ¹ / ₁₆ "
17-0513	33320-79D	13	Shifter Cam, 1979-99, USA
17-0553	33320-79D	13	Shifter Cam (V-Twin)
17-0583	33320-98	13	Shifter Cam, As Above
17-0514	33332-79	14	Support Shifter Cam Right
17-0515	33326-79A	15	Support Shifter Cam Left, ea
21-2057	34084-86	16	1986-up Lever, shifter shaft w/17-18
17-0557	—	16	As Above, Sputhe, Includes 2, 5, 17, 20, 21, & 56
17-0576	—	16	As Above, V-Twin
17-0547	34082-79	17	Pin, Shifter Shaft Lever
13-0131	34083-79A	18	Spring, shifter shaft lever
17-0516	34085-79A	19	Cam Follower
17-0517	37086-79	20	Pawl, Shifter Cam
17-0578	37086-79	20	Pawl, Shifter Cam, V-Twin
13-0132	34087-79A	21	Spring, shifter shaft lever
17-1169	34088-87	22	1987-up Shift Shaft
17-9932	34088-79	22	1979-86 Shift Shaft
13-9176	34089-79	23	Spring
17-8081	34191-79D	24	Shifter Fork
17-8082	34193-79D	25	Shifter Fork
17-8083	34195-79D	26	Shifter Fork
12-0338	8998	27	Bearing, ea 1979-99
12-0388	8992A	27	Bearing, ea 2000-up
12-0951	10998	29	Retaining Ring
12-0158	8873	30	Ball
18-3209	25452-87A	31	Inner Ramp, 1987-99
18-3210	25453-87A	32	Outer Ramp, 1987-99
15-0172	36801-80	33	Gasket, Side Cover, 1980-86
15-0240	36801-87	33	Gasket, Side Cover, 1987-up
18-3211	34920-86	34	Coupling
12-0927	11020	35	Retaining Ring
17-9850	35076-79	36	Spacer
12-0557	35078-79	37	Nut, mainshaft/countershaft
43-9131	37105-87A	38	Chrome Clutch Release Cover 1987-99 FXST-FLT-Dyna
17-9846	37109-87A	38	Chrome End Cover 87-94 FXR
43-0131	37104-84	38	Chrome End Cover 80-86 FXR
37-8934	734, 739	39	Plug, 1987-97
40-0498	60328-98A	39	Plug, 1998-up
43-9136	34468-86A	40	Upper Chrome Cover, 1987-97
43-0500	34468-98	40	Upper Chrome Cover, 1998-99
43-9097	34731-86A	41	1986-88 Trans Case FXST
43-9096	34732-89A	41	1989-95 Trans Case FXST
43-9148	34732-96	41	1996-up Trans Case FXST
43-9107	34730-88	41	1987-89 Trans Case FXR
43-9108	34730-89C	41	1990-95 Trans Case FXR
12-1197	11733	42	Mount Stud
12-0339	8977	43	Needle Bearing
12-0337	8978	44	Mainshaft Bearing, 1980-83
12-0361	8996	44	Mainshaft Bearing, 1984-00
17-9852	33114-79	45	Spacer
14-0534	11165	46	Seal
17-0546	33334-79	47	Spacer, Sprocket 1979-84
17-9851	33334-85	47	Spacer, Sprocket 1985-93
17-0560	33344-94	47	Spacer, Sprocket 1994-up
14-0157	12050	48	Seal, 1984-E94
14-0962	12067A	48	Seal, L1994-up
12-0952	11161	49	Snap Ring, 1985-00
12-0926	11057	49	Snap Ring, 1980-84
15-0237	34904-86A	50	Gasket, upper cover
15-0213	35652-79B	51	Housing Gasket
17-0540	35258-87C	52	Bearing Housing 1990-up Blk wrinkle
17-9940	—	52	Bearing Housing 1979-86 Billet
17-9946	—	52	Bearing Housing 1987-99 Billet
17-0519	62375-57	53	Fitting, Upper Cover, ea
17-9853	6003	54	Thrustwasher 1 ¹ / ₁₆ " x 3 ¹ / ₈ " x 5 ¹ / ₁₆ "
12-0366	8876A	55	Bearing, 4pk
17-0538	35068-79	56	Spring Plate
17-0520	35025-79B	57	First Gear, Mainshaft
17-7652	35025-79B	57	As Above Andrews
17-9857	35026-79C	58	Andrews Gear, Main, 2nd+cntrshft 3rd 1979-93
17-9922	35026-79C	58	As Above (V-Twin)
17-9952*	35026-94	58	As Above, 1994-up High Contact
17-9858	35027-79B	59	Andrews Gear, Main, 3rd and countershaft 2nd 1979-93
17-9953*	35027-94	59	As Above 1994-up High Contact
17-0523	35028-79B	60	Fourth Gear, Mainshaft 1979-93
17-9860	35028-79B	60	As Above Andrews
17-0558*	35028-94	60	As Above 1994-up High Contact
17-9861	35029-79	61	Fifth Gear, Mainshaft 85-84, Andrews
17-9862	34029-85A	61	Fifth Gear, Mainshaft 85-90, Andrews
17-9942	35029-91A	61	Fifth Gear, Mainshaft 91-93, Andrews
17-9950*	35029-94	61	As Above, 1994-up High Contact
12-9997	35051-89	62	1991-up Bearing 5th Gear
12-0336	8904	62	1984-90 Needle Bearing 5th Gear
17-9899	35042-85	65	Mainshaft, 1985-89 Andrews
17-0525	35042-85	65	Mainshaft, 1985-89 USA
17-8238	35042-90	65	Mainshaft, 1990 Belt, Andrews
17-9943	35042-91	65	Mainshaft, 1991-up Belt, Andrews
17-0153	35042-91	65	Mainshaft, 1991-up
17-9848	35064-79	66	Spacer, Mainshaft
17-0526	35622-79C	67	First Gear Countershaft
17-7653	35622-79A	67	As Above Andrews
17-0527	35625-79B	68	Fourth Gear Countershaft 1979-93
17-9859	35625-79B	68	As Above Andrews
17-0559*	35625-94	68	As Above 1994-up High Contact
17-9849	35629-79B	69	Spacer
17-9863	35626-79A	70	As Above Andrew
17-9951*	35626-94	70	Fifth Gear Countershaft, 1994-up High Contact
17-9897	35632-79	71	Countershaft Andrews
17-0529	35632-79	71	Countershaft, Sifton
17-0544	35632-79	71	Countershaft V-Twin
8907-5	—	72	Top Screw Kit, Chrome Allen
8909-13	—	73	Side Cover Kit, Chrome Allen
37-8985	—	74	Filler Plug, Chrome
32-9065	33900-59C	75	Neutral Switch, 1979-97
32-0069	33902-98	75	Neutral Switch, 1998-99
15-0685	33043-80	76	Switch Washer
14-0821	12035A	77	Seal
37-9133	6497HW	78	Washer
12-0950	11150	79	Retainer Ring
17-0966	33715-85A	80	Shift Lever, Chrome 85-96
17-0968	33849-97	80	Shift Lever, Chrome 97-up
12-0928	11067	81	Retaining Ring
17-9941	34091-85	82	Inner Race
17-0594	34091-06	82	Inner Race, 6 Spd
8408-1	35211-36	83	Sprocket Nut
14-0922	6007	84	Nylon Washer
12-1172	375	85	Dowel Pin
18-3212	8998	86	Ramp Kit includes 29-30-31-32-34
12-1199	609	87	Pin
14-0149	12045	88	Shift Shaft Seal
12-0959	634	89	Door Pin
17-9931	35628-79	90	4th Gear Spacer, 1979-83 only
12-0212	37523-85D	91	Clutch Hub Key 1985-89
37-0596	7782-92	92	Stud Nut

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