



BASE KIT FOR S4/S4D/S5/S5D TRANS

Updated 5/18/22

INDIVIDUAL PARTS	WEDDLE PART #	NOTES	
2 _____	DRIVE FLANGE	S45-5934	
1 _____	GEAR HOUSING	S45-607	
1 _____	SHIFT HOUSING ASSEMBLY (GEN 3)	S45-606A	PICK SHEET S45-606A-PICK
1 _____	INPUT COUPLER	S45-340	
1 _____	BEARING FOR REV. INTERMEDIATE IDLER GEAR	S45-411	
1 _____	PINION SHAFT NEEDLE ROLLER BRG IN GEAR HOUSING	S45-415A	
1 _____	BALL BEARING FOR SHIFT DRUM	S45-418	
2 _____	BALL BEARING FOR DRIVE FLANGE	S45-422	
1 _____	FRONT MAINSHAFT BEARING	S45-425A	
1 _____	REAR MAINSHAFT BEARING (IN MAIN CASE)	S45-430	
1 _____	DIFF CROSS SHAFT, LONG	S45-538B	
2 _____	DIFF CROSS SHAFT, SHORT	S45-539B	
1 _____	DIFF CENTER BLOCK	S45-540B	
2 _____	SIDE GEAR	S45-545	
4 _____	SPIDER GEAR	S45-550	
1 _____	COMMON RAIL FOR GEN 2 SHIFT FORKS	S45-801	
2 _____	SHIFT FORK (GEN 2, ALUMINUM)	S45-845AL	
1 _____	T/O BEARING GUIDE SLEEVE	S45-906	
1 _____	FRONT MAINSHAFT BEARING RETAINER PLATE	S45-915A	
1 _____	REVERSE IDLER SHAFT	S45-960	
1 _____	REVERSE GEAR ON MAINSHAFT	WS-RM	
1 _____	REVERSE INTERMEDIATE IDLER GEAR	WS-RI	
1 _____	REVERSE GEAR ON PINION SHAFT	WS-RP	
1 _____	CLUTCH CROSS SHAFT ASSEMBLY	091-141-701-K	
4 _____	NEEDLE BEARING FOR S4 1ST-4TH OR S5 2ND-5TH	4-455027	
1 _____	T/O BEARING (CUSTOM)	PENDING	PENDING NEW DESIGN

BAG 1

		WEDDLE PART #	NOTES
4 _____	SPIDER GEAR THRUST WASHER	S45-551	
2 _____	SIDE GEAR THRUST WASHER, .025" THICK	S45-552-025	
1 _____	SEAL FOR POTENTIOMETER SHAFT	S45-606-51	
1 _____	SHIM KIT FOR SHIFT DRUM (10X .005" THICK SHIMS)	S45-804-K	
1 _____	SEALING CORD, 5' LENGTH	S45-902-05	
1 _____	INSERT FOR T/O BEARING	PENDING	PENDING NEW DESIGN

BAG 2

		WEDDLE PART #	NOTES
2 _____	JAM NUT FOR END OF PINION SHAFT (LH THREAD)	S45-910	
1 _____	INPUT SEAL	S45-9113	
9 _____	5/16-18 X 1" BOLT, FLAT HEAD TORX	S45-916	
1 _____	SPACER FOR REVERSE ON MAINSHAFT	S45-917	
1 _____	WASHER FOR MAINSHAFT NUT (.765X1.310X.130")	S45-918	
2 _____	.125" PINION SHAFT THRUST WASHER	S45-925	
2 _____	SPIRAL LOCK FOR DRIVE FLANGE	S45-934	
1 _____	WASHER FOR PINION SHAFT NUT (1.140X1.630X.140")	S45-939	
1 _____	CIRCLIP FOR BEARING IN REV. INT. IDLER GEAR	S45-987	
1 _____	LARGE SPIRAL LOCK FOR PINION SHAFT ROLLER BEARING	S45-988	
1 _____	CIRCLIP TO HOLD BEARING ON SHIFT DRUM	S45-989	
1 _____	CIRCLIP TO HOLD SHIFT DRUM BEARING IN MAIN CASE	S45-990	
1 _____	CIRCLIP FOR REAR MAINSHAFT BEARING (IN MAIN CASE)	S45-991	
1 _____	INPUT SHAFT CIRCLIP	S45-992	

BAG 3		WEDDLE PART #	NOTES
18 _____	5/16 X 1-3/4" STUD	S45-9SGH175	
12 _____	1/4"-20 X 1/2" BOLT, FLAT TORX HEAD	HV-926	
2 _____	BEARING RETAINER PLATE FOR OUTPUT FLANGES	MD-925	
2 _____	SPACER WASHER FOR CLUTCH CABLE GUIDE	MD-941	
1 _____	LOAD BOLT	MD-945	
6 _____	3/8" HIGH COLLAR LOCK WASHER	MD-956	

BAG 4		WEDDLE PART #	NOTES
14 _____	SIDECOVER STUD 3/8 X 1 1/2"	MD-9SCS150	
2 _____	SIDECOVER STUD 3/8 X 2"	MD-9SCS200	
2 _____	3/8" PIPE PLUG, INTERNAL SOCKET DRIVE	H-PLUG-38PISD	
1 _____	90 DEG BRASS BREATHER VENT, 1/8 NPT X 3/8" HOSE BARB	H-VENT-18PX38B-90	
41 _____	8MM FLAT WASHER, HARDENED	H-WM8-17	
16 _____	10MM FLAT WASHER, HARDENED	H-FW10	
2 _____	COPPER SEALING WASHER FOR OIL FILL PLUG	H-WM19-SEAL	
2 _____	OIL FILL PLUG	H-PLUG-34UNFH	
1 _____	DRAIN PLUG, LONG MAGNET	091-301-141-A	
1 _____	DOWEL FOR REVERSE IDLER SHAFT	H-D140625	
33 _____	5/16-24 HEX NUT, GRADE 8	H-N51624	
16 _____	3/8-24 HEX NUT, GRADE 8	H-N3824	

BAG 5		WEDDLE PART #	NOTES
3 _____	3/4-16 JAM NUT	H-JN3416	
2 _____	8-32 X 1/2" BOLT FOR BLOCK OFF PLATE ON FRONT COVER	H-B8320500SH	
3 _____	HEX BOLT FOR DIFF CROSS SHAFTS	H-B14281156H	
4 _____	5/16-18 X 1 1/4" BOLT, SOCKET HEAD	H-B516181250SH	
2 _____	5/16-18 X 4" BOLT, SOCKET HEAD	H-B516184000SH	
6 _____	3/8-24 X 1 3/4" BOLT, 12 POINT	H-B3824175FC	
1 _____	INPUT TO MAINSHAFT CONNECTOR STUD (5/16 X 1")	H-S516241000CPS	
2 _____	3/4-16 STEEL PLUG WITH O-RING	AGB-00109-A	