



## HV1 TRANS COMPLETE KIT

Updated 9/9/22

### STANDARD OR OPTION (CIRCLE ONE)

		STANDARD ITEM	OPTIONS		
1 _____	SHORT DRIVE FLANGE	MD-5930S	HV-5930S	MD-5934S	HV-5934S
1 _____	LONG DRIVE FLANGE	MD-5930L	HV-5930L	MD-5934L	HV-5934L
4 _____	SPIDER GEAR	MD-550	MD-550HD		
1 _____	BELL HOUSING	AGB-00101-A (VW)	AGB-00101-B (CHEVY)		

**STANDARD ITEMS** are "auto-built" into the kit and do NOT need to be entered on the invoice.

**OPTIONS** require a plus/minus entry on the invoice to correct price and inventory.

### VARIABLE ITEMS\*

		WEDDLE PART #	NOTES
1 _____	HV1 RING & PINION RATIO _____	HV1-RP###	
1 _____	T/O BEARING            CONVEX            FLAT	SC-00170 or 170A	
1 _____	PINION DEPTH SHIM _____ MM THICK	HV-903##	CALCULATE THICKNESS
1 _____	HV1 MAINSHAFT RATIO _____	HV1-#####	
1 _____	094 1ST GEAR IDLER _____	WD-###I	
1 _____	094 2ND GEAR IDLER _____	WD-###I	
1 _____	094 3RD IDLER _____	WC-###I	
1 _____	094 3RD SPLINED _____	WC-###S-3	
1 _____	094 4TH IDLER _____	WC-###I	
1 _____	094 4TH SPLINED _____	WD-###S-4	
2 _____	FLOATING SYNCHRO CONE (OR E.B. WELDED CONE)	8D8-CONE	
1 _____	NEEDLE BRG FOR 3RD            34 X _____ SPLIT	4-34####S	

**\*NOTE: Variable items must be itemized on the invoice with a zero in the price column.**

INDIVIDUAL PARTS		WEDDLE PART #	NOTES
1 _____	MAIN CASE	HV-610	
2 _____	SIDECOVER	HV-6934	
1 _____	FRONT HOUSING	6357	
1 _____	HV1 GEAR CARRIER HOUSING (BRACKET REMOVED)	HV1-607	
1 _____	DIFF HOUSING	MD-535	
1 _____	DIFF COVER	MD-530	
1 _____	REVERSE IDLER GEAR ON PINION SHAFT	091-311-217	
1 _____	REVERSE INTERMEDIATE IDLER GEAR	091-311-507-A-U	
1 _____	SMALL PINION BEARING CONE	MD-403	
1 _____	SMALL PINION BEARING CUP	MD-404	
1 _____	LARGE PINION BEARING CONE	MD-405	
1 _____	LARGE PINION BEARING CUP	MD-406	
2 _____	BALL BEARING FOR DRIVE FLANGE	MD-422	
2 _____	FINAL DRIVE FLANGE SEAL	MD-920	
2 _____	DIFF CARRIER BEARING CONE	MD-421	
2 _____	DIFF CARRIER BEARING CUP	MD-420	
1 _____	DIFF SHIM SET (3x.003", 2x.004", 3x.005", 2x.006", 3x.007")	MD-5003 to 5007	
2 _____	SIDE GEAR	MD-545	
1 _____	PINION BEARING HOUSING	HV-402	
1 _____	HV1 1-2 RELAY LEVER	HV1-8581	
1 _____	INPUT SHAFT (NEW STYLE)	HV-9106	
1 _____	FRONT MAINSHAFT BEARING	HV1-425	
1 _____	HV1 1-2 SLIDER HUB	HV1-843	
4 _____	COATED 091/094 SYNCHRO RING	091-311-295-A	

**INDIVIDUAL PARTS (CONT.)**

		<b>WEDDLE PART #</b>	<b>NOTES</b>
1 _____	SELECTOR SHAFT ASSEMBLY	091-311-534-B	
1 _____	SELECTOR SHAFT COVER	091-301-232-A	
1 _____	1-2 SHIFT FORK/RAIL	091-311-549-A	
1 _____	3-4 SHIFT FORK/RAIL	091-311-559-A	
1 _____	REVERSE SHIFT RAIL	091-311-577-C	
1 _____	REVERSE SHIFT FORK	091-311-571-A	
1 _____	094 1-2 SLIDER	091-311-255-A	
1 _____	094 3-4 SLIDER	091-311-315-B	
1 _____	REVERSE SLIDER	091-311-242	
1 _____	WEDDLE RACING 094 3-4 SLIDER HUB	091-311-309-A-HD	
1 _____	REVERSE SLIDER HUB	091-311-244	
1 _____	SLAVE CYLINDER ASSEMBLY (WITH 36.4MM PISTON)	SC-A1-364	

**BAG 1**

		<b>WEDDLE PART #</b>	<b>NOTES</b>
1 _____	HV REAR MAINSHAFT BEARING	HV-430	
1 _____	HV INPUT COUPLER	HV-933	
1 _____	REAR MAINSHAFT BEARING RETAINER PLATE	HV-993	
1 _____	LOAD BOLT	MD-945	
1 _____	3/4"-16 NUT (JAM NUT)	H-JN3416	
1 _____	PINION BEARING PRELOAD SPACER	MD-407-590	
2 _____	BEARING RETAINER PLATE FOR OUTPUT FLANGES	MD-925	

**BAG 2**

1 _____	DIFF CENTER BLOCK	MD-540	
2 _____	DIFF CROSS SHAFT, SHORT	MD-539	
1 _____	DIFF CROSS SHAFT, LONG	MD-538	
2 _____	SIDE GEAR THRUST WASHER	MD-552	
4 _____	SPIDER GEAR THRUST WASHER	MD-551	
3 _____	DOWEL PIN FOR DIFF CROSS SHAFT	MD-537	

**BAG 3**

2 _____	934 DRIVE FLANGE SPIRAL LOCK	MD-934	
1 _____	2ND GEAR BEARING RACE	HV1-401	
1 _____	RETAINING SPACER FOR 1-2 SLIDER HUB	HV1-901	
2 _____	SIDE COVER O-RING	HV-922	
12 _____	TORX BOLT FOR OUTPUT BRG RETAINER PLATE	HV-926	
1 _____	LONG SHAFT FOR MS BRG THRUST PLATE (MODIFIED)	HV-9374-02	
1 _____	HV1 1ST GEAR BEARING RACE	HV1-400	
1 _____	HV1 PINION BEARING PRELOAD NUT	HV1-900	
1 _____	INPUT SHAFT CIRCLIP	N-012-425-1	
1 _____	3RD GEAR CIRCLIP, 2.05MM	113-311-385	
1 _____	3RD GEAR CIRCLIP, 2.2MM	113-311-386	
1 _____	3RD GEAR CIRCLIP, 2.3MM	113-311-387	
1 _____	3RD GEAR CIRCLIP, 2.4MM	113-311-388	
1 _____	1/8" PIPE PLUG, INTERNAL SOCKET DRIVE	H-PLUG-18PISD	
1 _____	1/4" NPT BREATHER FITTING (5/16" BARB)	H-VENT-14PX516B	
3 _____	7MM FLAT WASHER, HARDENED	H-WM7	
15 _____	8MM FLAT WASHER, HARDENED	H-WM8-17	
1 _____	WASHER FOR SHIFT LEVER NUT	H-WM8-19	
50 _____	10MM FLAT WASHER (HARDENED)	H-WM10	

**BAG 4**

3 _____	C-STYLE CIRCLIP	091-311-187-B	
1 _____	PRONG STYLE MAINSHAFT CIRCLIP	091-311-381-A	
1 _____	3-4 SLIDER HUB CIRCLIP	091-311-321-A	
1 _____	CRUSH WASHER FOR 094 B/U LIGHT SWITCH	020-301-244	
1 _____	PLUG FOR BACKUP LIGHT SWITCH HOLE	H-BM12X20H-FT	
2 _____	VW FILL PLUG, NO MAGNET	012-301-127-F	
1 _____	DRAIN PLUG, SHORT MAGNET (FOR GEAR SECTION)	113-301-141-A	
1 _____	DRAIN PLUG, LONG MAGNET (FOR DIFF SECTION)	091-301-141-A	
1 _____	M8 SELF LOCKING NUT FOR SHIFT LEVER	N-022-146-4	
34 _____	M10 X 1.5 NUT	H-NM10	
2 _____	M5 X 12MM BUTTON HEAD BOLT (FOR RR MS BRG RET PL)	H-BM5X12BH	
3 _____	M7 X 1.0 X 25 HEX BOLT	H-BM7X25H	
1 _____	BOLT FOR REVERSE SHIFT FORK	H-BM8X15H	

3 _____	M8 X 1.25 X 25 SOCKET HEAD CAP BOLT	H-BM8X25SH	
1 _____	LOCATING BOLT FOR 1-2 RELAY LEVER	N-901-880-01	
10 _____	M10 X 1.5 X 32 HEX BOLT	H-BM10X32H	
7 _____	M8 X 35MM BOLT (FOR FRONT COVER)	H-BM8X35H	
8 _____	M8 X 40MM BOLT (FOR GC HOUSING)	H-BM8X40H	

**BAG 5**

2 _____	M8 X 110MM BOLT	H-BM8X110H	
6 _____	M10 X 1.0 X 50 HEX BOLT, FINE THREAD	H-BM10X50H-FFT	
12 _____	3/8"-24 X 1.000" XHD RING GEAR BOLT	H-B3824100XHD	
1 _____	INPUT CONNECTING STUD (WITH SHOULDER)	N-902-210-01	
4 _____	M10 X 1.5 X 42 STUD (FOR STARTER & TOP MOUNT)	H-SM10X42	
30 _____	M10 X 1.5 X 55 STUD	H-SM10X55	

**BAG 6**

1 _____	1ST GEAR THRUST WASHER	113-311-221-A	
1 _____	GASKET FOR SELECTOR SHAFT COVER	091-301-278-B	
1 _____	SELECTOR SHAFT SEAL	020-141-733	
1 _____	FRONT PINION BEARING & RACE	091-311-373-C	
1 _____	1ST GEAR NEEDLE BEARING	113-311-265-S	

**BAG 7**

1 _____	NEEDLE BEARING FOR REVERSE ON PINION SHAFT	091-311-431	
1 _____	NEEDLE BEARING FOR REVERSE INT IDLER GEAR	091-311-523	
1 _____	2ND GEAR NEEDLE BEARING (34X38 SPLIT)	4-343826S	
1 _____	4TH GEAR NEEDLE BEARING (35X40)	4-354027	
4 _____	SINGLE ENDED WIRE SPRING	113-311-249-A	
6 _____	SYNCHRO CATCH KEY	091-311-313	
1 _____	SELECTOR SHAFT BUSHING	020-141-711-A	
1 _____	SMALL STOP CAP FOR SELECTOR SHAFT ASSY	091-301-267	
1 _____	LARGE SPRING FOR SELECTOR SHAFT ASSY.	091-311-548-B	
2 _____	PLASTIC GUIDE FOR REVERSE SHIFT RAIL	091-301-146	
6 _____	BALL SLEEVE/GUIDE	091-301-120	

**BAG 8**

1 _____	REVERSE THRUST WASHER, 4.0MM (BLACK)	091-311-379-A	
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1 _____	REVERSE THRUST WASHER, 4.2MM (GREEN)	091-311-379-B	
1 _____	REVERSE THRUST WASHER, 4.4MM (RED)	091-311-379-C	
1 _____	THRUST WASHER FOR REVERSE INT IDLER GEAR	091-311-517	
1 _____	MAINSHAFT BEARING THRUST PLATE	9374	
1 _____	SHORT SHAFT FOR MS BRG THRUST PLATE	9374-01	
1 _____	FITTING FOR BLEEDER SCREW, M12X1.0 X M7X1.0	SC-00165	
1 _____	INLET FITTING FOR SLAVE CYLINDER, M12X1.0 X AN-4	SC-00166	
1 _____	BLEEDER SCREW, M7X1.0	SC-00167	
4 _____	3/4-16 PLATED STEEL PLUG WITH O-RING	AGB-00109-A	
1 _____	INPUT SHAFT SEAL	AGB-00133	
1 _____	WASHER FOR LOAD BOLT	AGB-00197	