



## MD4-2D TRANS COMPLETE KIT

Updated 10/14/11

### STANDARD OR OPTION (CIRCLE ONE)

		STANDARD ITEM	OPTION
1 _____	MD4-2D RING & PINION SET	MD2D-RP514	MD2D-RP _____
1 _____	SHORT DRIVE FLANGE	HV-5930S	HV-5934S
1 _____	LONG DRIVE FLANGE	HV-5930L	HV-5934L
1 _____	MAIN CASE AND PINION BRG CARRIER	MD-610	MD-610X
1 _____	BELL HOUSING	MD-615T	MD-615S

**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 _____	MD4-2D MAINSHAFT RATIO _____	WM-#####	
1 _____	MD2D 1ST GEAR IDLER _____	WM-###I	
1 _____	MD2D 2ND GEAR IDLER _____	WM-###I	
1 _____	MD2D 3RD IDLER _____	WM-###I	
1 _____	MD2D 3RD SPLINED _____	WM-###S-3	
1 _____	CONE FOR 3RD    8C6-CONE    8C8-CONE    NONE (E.B.)	8C#-CONE	
1 _____	NEEDLE BRG FOR 3RD    32 X _____ SPLIT	432##S	STEEL CAGE
1 _____	091/094 4TH IDLER _____	WC-###I	
1 _____	091 4TH SPLINED _____	WC-###S-4	
1 _____	CONE FOR 4TH    8C6-CONE    8C8-CONE    NONE (E.B.)	8C#-CONE	
1 _____	NEEDLE BRG FOR 4TH    32 X _____	432##	STEEL CAGE

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

## MD4-2D TRANS COMPLETE KIT

### MD4-2D PARTS

MD4-2D PARTS		WEDDLE PART #	NOTES
1 _____	MD BASE KIT (SEE BASE KIT PICK SHEET)	MDBASE-KIT.NFS	PICK SHEET: MDBASE-KIT-PICK
1 _____	MD4-2D GEAR CARRIER HOUSING	MD2D-607	
1 _____	2D INPUT SHAFT	MD2D-9106	
1 _____	2D INPUT COUPLER	MD2D-340	
1 _____	2D 1-2 SLIDER HUB	MD2D-843	
1 _____	2D 3-4 SLIDER HUB	MD2D-844	
1 _____	2D FRONT MAINSHAFT BEARING	MD2D-425	
1 _____	2D 1-2 SHIFT RAIL	MD2D-812	

### BAG 2D

BAG 2D		WEDDLE PART #	NOTES
1 _____	VW HEAD NUT, M10 X 1.5 WITH 15MM HEX	MD-980	
2 _____	BOLT FOR BRG RETAINER PLATE	MD-994	
2 _____	G50 INPUT SHAFT SEALS	MD2D-9113	
1 _____	2D REVERSE PIVOT BLOCK (ALUMINUM)	MD2D-820	
1 _____	MD4-2D 3-4 COMPRESSION SLEEVE	MD2D-903	
1 _____	2D REAR MAINSHAFT BEARING - NEW DESIGN	MD2D-431	
2 _____	BRG RETAINER PLATE	MD2D-993	
4 _____	MD4-2D DETENT PLUG (FOR GC HSG)	MD2D-607.1	
1 _____	.010" 2D MAINSHAFT SHIM (28MM I.D.)	MD2D-904.010	
3 _____	.018" 2D MAINSHAFT SHIM (28MM I.D.)	MD2D-904.018	
2 _____	.038" 2D MAINSHAFT SHIM (28MM I.D.)	MD2D-904.038	
1 _____	2D INPUT SHAFT CIRCLIP	MD2D-992	
1 _____	1/4" PIPE PLUG, INTERNAL SOCKET DRIVE	H-PLUG-14PISD	
1 _____	10MM WAVE WASHER	H-VW10	
4 _____	M8 X 1.25 X 62MM STUD	H-SM8X62	

## MD4-2D TRANS COMPLETE KIT

OTHER PARTS		WEDDLE PART #	NOTES
1 _____	ALUMINUM NOSECONE FOR MENDEOLA 2D TRANS	MD2D-605	
1 _____	CIRCLIP FOR LATE REVERSE IDLER GEAR	N-012-417-1	
1 _____	TRANS BREATHER - BRONZE CONE STYLE, 1/8" NPT	H-VENT-18PXCONE	
1 _____	7MM FLAT WASHER, HARDENED (FOR REVERSE BOLT)	H-FW7	
1 _____	7MM WAVE WASHER (FOR REVERSE BOLT)	H-WW7	
2 _____	8MM WAVE WASHER WITH SMALL O.D.	H-WW8S	
2 _____	REV. IDLER CIRCLIP (HOLDS LATE IDLER BRG ASSY IN CASE)	113-311-527	
1 _____	CRUSH WASHER FOR BACKUP LIGHT SWITCH	N-013-816-1	
1 _____	PLUG FOR BACKUP LIGHT SWITCH HOLE	113-301-229A	
1 _____	TYPE 2 DRAIN PLUG, WITH LONG MAGNET, NEW	091-301-141A	
1 _____	EARLY T1 REVERSE BOLT, LONG (M7X22)	H-BM7X22HU	OR 25MM LONG BOLT
7 _____	M7X1.0X25MM HEX BOLT, NEW	H-BM7X25H	
1 _____	LOCATING BOLT, 18MM LONG	113-311-141	
2 _____	SHIFT FORK BOLT	H-BM8X25H-11	
1 _____	CONNECTING STUD, WITH SHOULDER	N-902-210-01	
1 _____	HEAVY DUTY 091 CLUTCH CROSS SHAFT ASSY	091-141-701K	
1 _____	SPRING COLLAR FOR LATE CLUTCH ARM, NEW	091-141-727	
1 _____	LATE CLUTCH ARM SPRING (FOR 20MM SHAFT)	113-141-723D	
1 _____	SUPPORT SLEEVE FOR LATE T/O BEARING, NEW	016-141-181	
1 _____	LATE 4TH GEAR THRUST WASHER	002-311-151A	
1 _____	NUT FOR END OF MAINSHAFT	113-309-385HD	
1 _____	FOLDING LOCK, MS OR PINION	113-309-381A	
1 _____	1ST GEAR THRUST WASHER	113-311-221A	
1 _____	EARLY T1 FRONT PINION BEARING	113-311-375	
1 _____	FRONT PINION BRG ADAPTER RACE	113-311-375X	
2 _____	1-2 STEEL CAGE NEEDLE	113-311-265S	
1 _____	113/002 1ST GEAR BRG RACE	113-311-227FRU	
1 _____	LATE THROWOUT BEARING, GERMAN (INA)	113-141-165BI	

# MD4-2D TRANS COMPLETE KIT

OTHER PARTS (CONT.)	WEDDLE PART #	NOTES	
1 _____	TYPE 1 HOCKEY STICK, USED (GENUINE VW)	113-311-541CU	
1 _____	LATE TYPE 1 3-4 SHIFT RAIL	311-311-567U	EARLY IF LATE NOT AVAILABLE
1 _____	TYPE 1 REVERSE SHIFT RAIL	113-311-577AU	
2 _____	TYPE 1 SHIFT RAIL INTERLOCK	111-307-629	
3 _____	TYPE 1 DETENT SPRING	111-307-625	
3 _____	DETENT BALL	N-025-667-2	
1 _____	TYPE 1 REVERSE EYE BOLT	113-301-177U	
1 _____	LATE TYPE 1 REVERSE PIVOT LEVER	113-311-581F	
1 _____	LATE T1 1-2 FORK, STEEL, NEW (STEEL)	113-311-551A	
1 _____	LATE T1 1 3-4 SHIFT FORK, NEW (STEEL)	113-311-561C	
1 _____	091 1-2 SLIDER, NEW	091-311-255	
1 _____	091 3-4 SLIDER, NEW (ALL FOUR FLANKS CUT BACK)	091-311-315	
2 _____	SINGLE ENDED WIRE SPRING FOR SLIDER HUB ASSY, NEW	113-311-249A	
2 _____	DOUBLE ENDED WIRE SPRING FOR SLIDER HUB ASSY, NEW	113-309-311	
3 _____	113/002 3-4 CATCH KEY, NEW	113-309-313	
3 _____	091 1-2 SYNCHRO CATCH KEY, '76-'83, NEW	014-311-313	
2 _____	113/002 3-4 SYNCHRO, VW OF BRAZIL	113-311-295.1	
1 _____	091 1ST SYNCHRO, '76-'83, GENUINE VW	091-311-247B	
1 _____	091 2-3-4 SYNCHRO, GENUINE VW	091-311-295A	
1 _____	091 REVERSE IDLER SHAFT GEAR (16-TOOTH)	091-311-507	
1 _____	CONCAVE WASHER FOR REV. IDLER SHAFT GEAR	113-311-519U	
1 _____	BEARING ASSY FOR LATE REVERSE IDLER SHAFT	002-311-523AU	
1 _____	091 REVERSE IDLER SHAFT	091-311-515U	
1 _____	091 15T REVERSE GEAR, MODIFIED	3R4M-1540	
1 _____	091/MD 4TH GEAR BEARING RACE	4010	
1 _____	RETAINING SPACER FOR 3-4 SLIDER HUB	9010	
1 _____	SMALL ROUND NUT (W/LOCKNG COLLAR)	113-311-237A	
1 _____	MD2D MAINSHAFT INSTRUCTIONS	WM-INST	