

				ITEM NO.	MH PART NO.	DESCRIPTION	QTY. REQ.
CARRIER P/N	PINION & RING GEAR RATIO	FINAL RATIO	DIFFERENTIAL CASE	17	MT14-1075	Pinion Bearing, Inner	1
MTL17-1001	1.227	4.25	MTL17-1022	18	MT14-1079	Pinion Bearing, Outer	1
MTL17-1002	1.318	4.56	MTL17-1022	19	MT22-1070	Cover	1
MTL17-1003	1.422	4.92	MTL17-1023	20	MT22-1069	Oil Seal Kit, Pinion	1
MTL17-1004	1.526	5.29	MTL17-1023	21	11500713	Hex Bolt, M8x22	8
MTL17-1010	1.553	5.38	MTL17-1023	22	11500191	Flat Lock Washer, M8	8
MTL17-1005	1.632	5.65	MTL17-1023	23	MT17-1050	Companion Flange, 1610 Series	1
MTL17-1014	1.684	5.83	MTL17-1023		MT22-1073	Companion Flange, 1710 Series	1
MTL17-1013	1.765	6.11	MTL17-1023	24	MT22-1075	Self-Lock Pinion Nut, M42x1	1
MTL17-1006	1.812	6.27	MTL17-1023		MT14-1082	Pinion Castle Nut	1
MTL17-1015	1.929	6.68	MTL17-1023	25	103422	Cotter Pin	1
				26	MT22-1074	Washer, Special	1
				27	MT14-1076	Distance Sleeve	1
ITEM NO.	MH PART NO.	DESCRIPTION	QTY. REQ.	28	MT14-1077A	Bearing Distance Ring, 6.90 MM	AR*
1	MTL17-1023	Diff. Case Halves, Assy. (4.92-6.68)	1		MT14-1077B	Bearing Distance Ring, 7.00 MM	AR
	MTL17-1022	Diff. Case Halves, Assy. (4.25-4.56)	1		MT14-1077C	Bearing Distance Ring, 7.02 MM	AR
2	MT22-1066	Hex Bolt, Special	12		MT14-1077D	Bearing Distance Ring, 7.04 MM	AR
3	MT22-1065	Washer, Special	4		MT14-1077E	Bearing Distance Ring, 7.06 MM	AR
4	MTL17-1025	Oil Baffle Plate	2		MT14-1077F	Bearing Distance Ring, 7.08 MM	AR
5	MT22-1061	Differential Cross	1		MT14-1077G	Bearing Distance Ring, 7.10 MM	AR
6	MT22-1062	Differential Pinion	4		MT14-1077H	Bearing Distance Ring, 7.20 MM	AR
7	MT22-1063	Washer, Differential Pinion Gear	4		MT14-1077I	Bearing Distance Ring, 7.32 MM	AR
8	MTL17-1026	Differential Gear	2		MT14-1077J	Bearing Distance Ring, 7.44 MM	AR
9	MT22-1059	Washer, Differential Side Gear	1		MT14-1077K	Bearing Distance Ring, 7.56 MM	AR
10	MT22-1054	Ring Gear and Pinion (1.227) 4.25	1		MT14-1077L	Bearing Distance Ring, 7.68 MM	AR
	MT22-1053	Ring Gear and Pinion (1.318) 4.56	1		MT14-1077M	Bearing Distance Ring, 7.80 MM	AR
	MT22-1056	Ring Gear and Pinion (1.422) 4.92	1		MT14-1077N	Bearing Distance Ring, 7.92 MM	AR
	MT22-1057	Ring Gear and Pinion (1.526) 5.29	1				
	MT22-1043	Ring Gear and Pinion (1.553) 5.38	1	29	MTL17-1027	Clutch Sleeve	1
	MT22-1055	Ring Gear and Pinion (1.632) 5.65	1	30	MTL17-1028	Toothed Hub	1
	MT22-1047	Ring Gear and Pinion (1.684) 5.83	1	31	MTL17-1029	Spring	12
	MT22-1046	Ring Gear and Pinion (1.765) 6.11	1	32	MTL17-1030	Backing Disk	1
	MT22-1058	Ring Gear and Pinion (1.812) 6.27	1	33	MTL22-1053	Inner Clutch Plate	8
	MT22-1040	Ring Gear and Pinion (1.929) 6.68	1	34	MTL22-1052	Outer Clutch Plate	8
11	MT22-1050	Hex Bolt, Special	16	35	MTL17-1031	Spacer Ring	1
12	MT22-1224	Lock Plate	8	36	MTL17-1032	Differential Side Washer	1
13	MT22-1068	Bearing Cage Assy.	1	37	MTL17-1033	Lock Ring	1
14	MT14-1078	Oil Baffle Plate	1	38	MTL17-1034	Oiler Scoop	2
15	MT22-1077	Flanged Bolt, Special	12	39	MTL17-1035	Countersunk Screw	4
16	MT22-1067A	Shim, 1.0 MM	AR				
	MT22-1067B	Shim, .50 MM	AR				
	MT22-1067C	Shim, .30 MM	AR				
	MT22-1067D	Shim, .25 MM	AR				
	MT22-1067E	Shim, .20 MM	AR				

\*Note: Choose 2 to produce proper bearing preload.

**MARMON-HERRINGTON ALL-WHEEL DRIVE**  
 13001 Magisterial Drive • Louisville, KY 40223  
 (502) 253-0277 • (800) 227-0727 • Fax (502) 253-0317  
 E-mail: info@marmon-herrington.com

## MTL CARRIER DIFFERENTIAL

