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NEW VENTURE

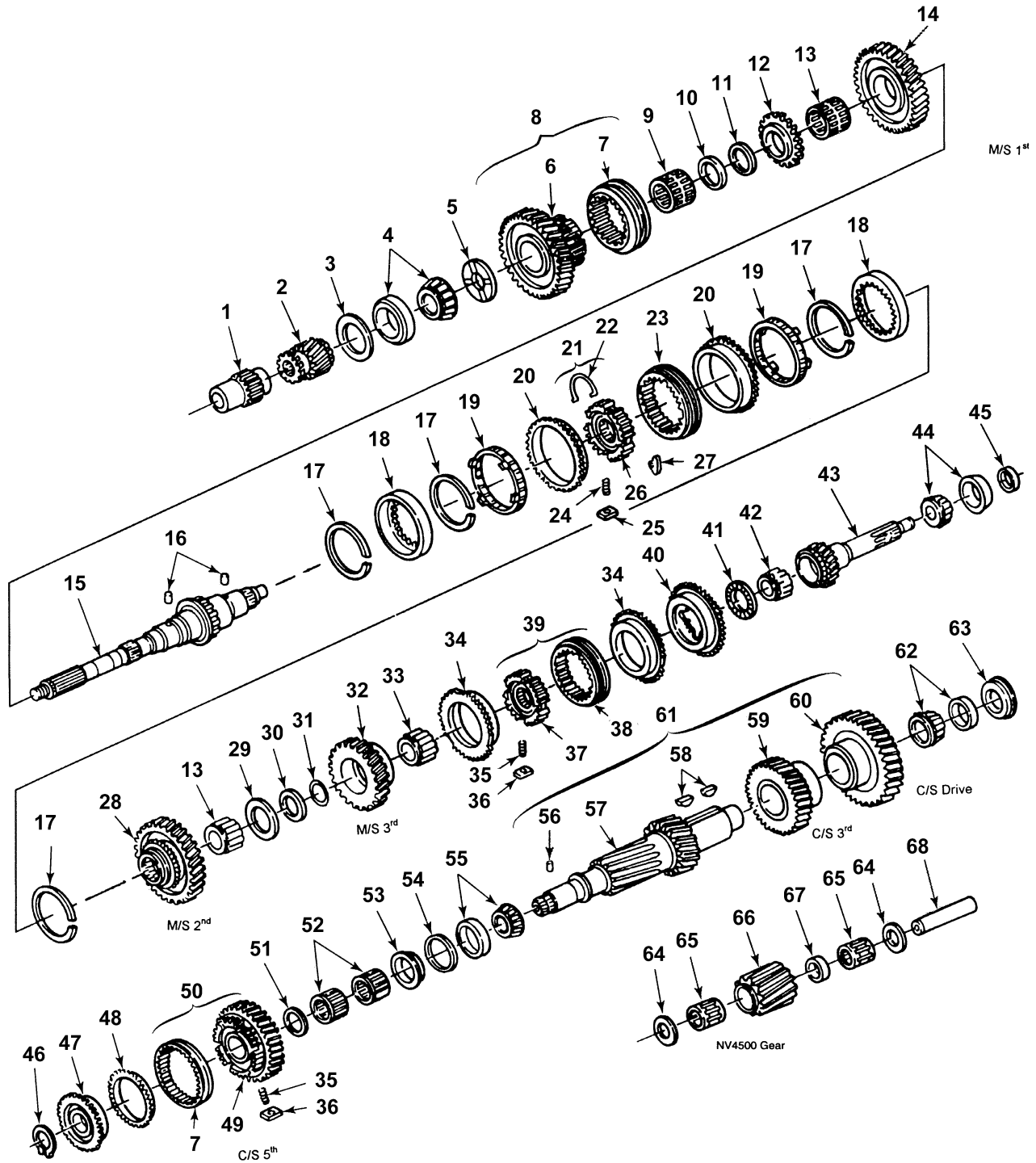
Model 4500

NEW VENTURE GEAR

MODEL 4500



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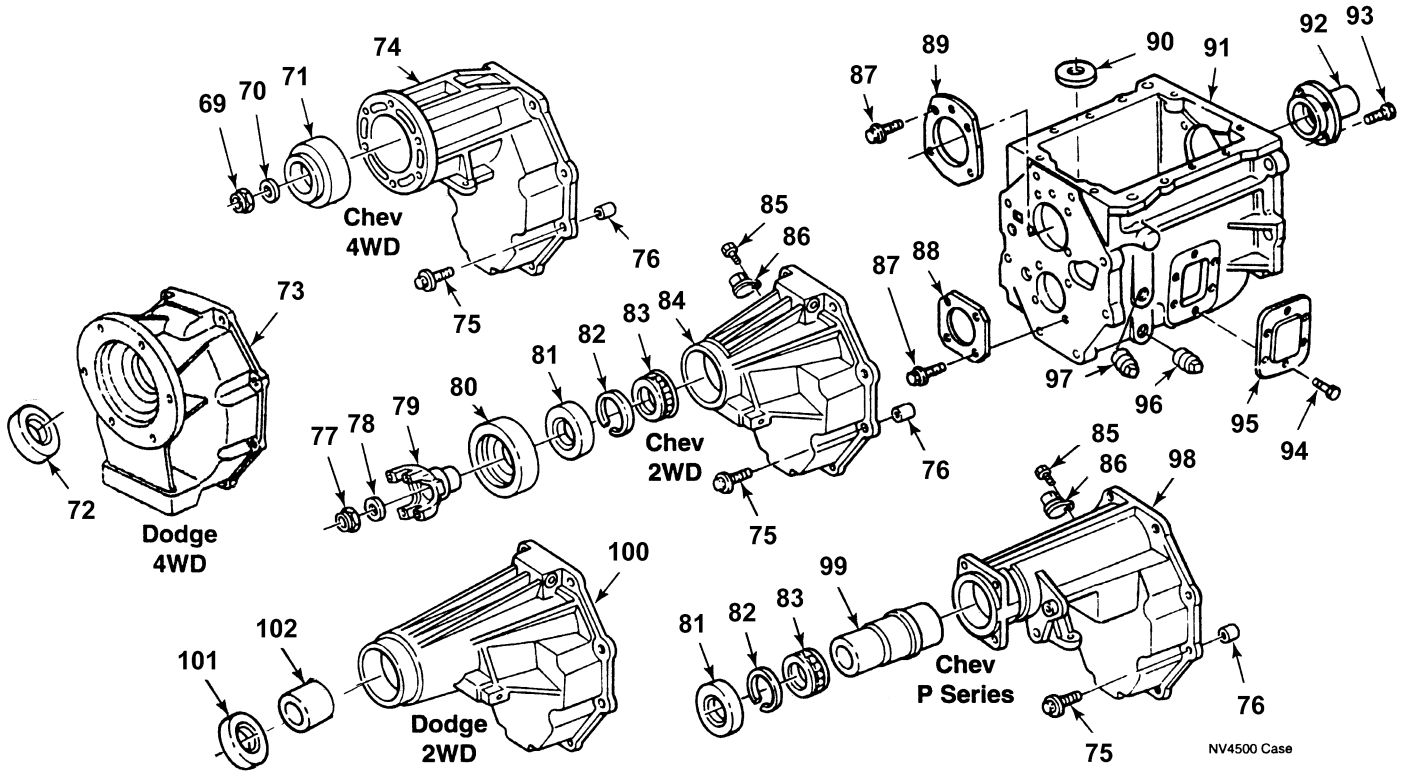


NEW VENTURE GEAR

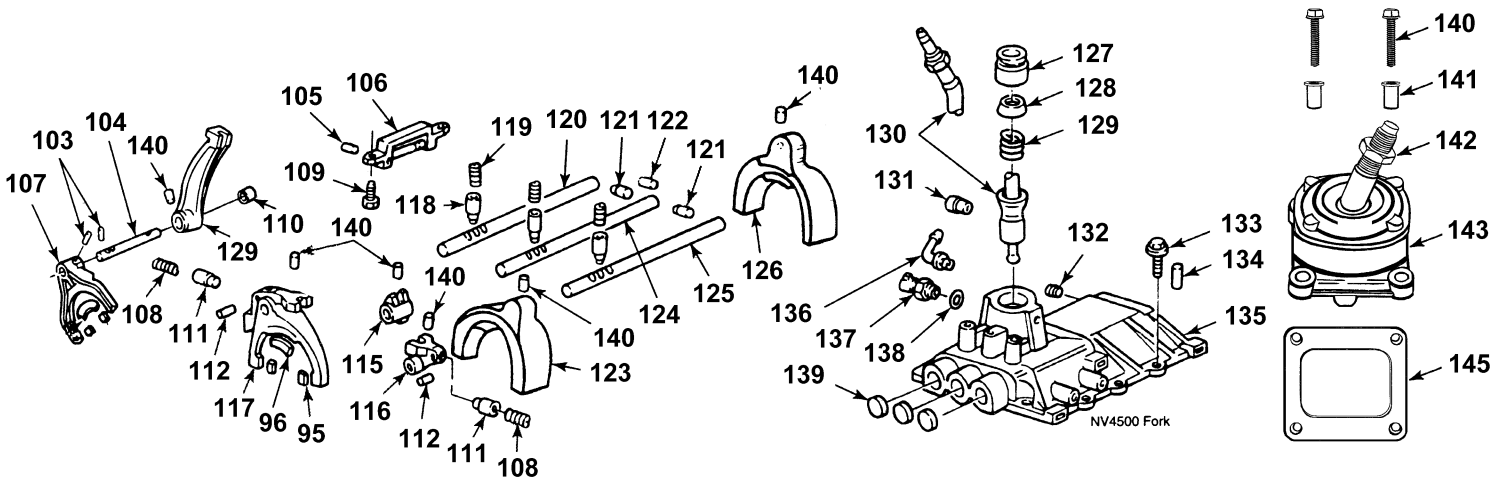
MODEL 4500



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NV4500 Case



NV4500 Fork



NEW VENTURE - MODEL 4500



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ILLUST DESCRIPTION

QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
1 - SPEEDO GEAR				
1	NV16798	-	15635279	1992-93 GM, 4X2, S40T, w/1.448" BORE
	NV18777	-	12546679	REPLACED BY NV23675
	NV23675	-	12382782	1994 & UP GM, 4X2, S40T, w/1.506" BORE
	NV18881	4762963	-	DODGE, 4X2, HD, V10 DIESEL, 1.448" BORE, L31T, MODEL 18155
NI - SNAP RING (SPEEDO GEAR)				
1	NV18377	-	-	DODGE, 4X2, HEAVY DUTY ONLY
2 - 5TH OVERDRIVE GEAR, MAINSHAFT				
1	NV18164	4741551	-	ALL DODGE, HD, 5.61:1, V10 DIESEL, L22-S35T, MODELS 18155 & 18179
	NV16799	-	15635278	1992-94 ALL GM, 6.34:1, L19-S31T
	NV16999	4637798	12548339	1995 & UP GM, 5.61:1, L22-S31T, DODGE 4X2/4X4 STD, MODELS 12515, 12517, 18183, 18187
3 - SHIMS, MAINSHAFT REAR BEARING				
AR	NV16811	4637783	15635265	ALL MODELS (ENTIRE SHIM KIT)
	NV16811-A	-	15636195	ALL MODELS - .0170" (INDIVIDUAL SHIM)
	NV16811-C	-	15636196	ALL MODELS - .0181" (INDIVIDUAL SHIM)
	NV16811-E	-	15636197	ALL MODELS - .0214" (INDIVIDUAL SHIM)
	NV16811-G	-	15636198	ALL MODELS - .0236" (INDIVIDUAL SHIM)
	NV16811-J	-	15636199	ALL MODELS - .0258" (INDIVIDUAL SHIM)
	NV16811-L	-	15636200	ALL MODELS - .0280" (INDIVIDUAL SHIM)
	NV16811-N	-	15636201	ALL MODELS - .0302" (INDIVIDUAL SHIM)
NV16811-R	-	15636202	ALL MODELS - .0325" (INDIVIDUAL SHIM)	
4 - REAR BEARING, MAINSHAFT				
1	NV16801	4637782	15635264	CUP, USE M804010
	NV16802	4637771	15635253	CONE, USE M804049
5 - THRUST WASHER, MAINSHAFT REVERSE				
1	NV16797	4637763	15635252	ALL MODELS
6 - REVERSE GEAR, MAINSHAFT (INCLUDED IN ITEM #8)				
1	NV18367	-	-	REPLACED BY NV23493
	NV23493	-	-	REPLACED BY NV23267
	NV23267	-	-	1997-98 ALL GM, 35T (w/o NOTCHES FOR SYNCHRO STRUTS)
	NV17308	-	15637292	1992-96 ALL GM, R39-S40(42)T 39T 2.48" I.D. (w/o NOTCHES)
	NV17309	4637760	-	1992-96 ALL DODGE, R39-S40T 39T 2.48" I.D. (w/NOTCHES)
	NV23271	-	-	REPLACED BY NV29551, 1997 & UP ALL DODGE, 35T(w/NOTCHES FOR SYNCHRO STRUTS)
NV29551	-	-	1999 & UP ALL GM, 1997 & UP ALL DODGE	
7 - SYNCHRO COLLAR, MAINSHAFT REVERSE & COUNTERSHAFT 5TH (INCLUDED IN ITEM #8)				
2	NV17306	4637861	15637291	ALL MODELS, 40(42)T, 5.0" O.D.
8 - SYNCHRO ASSEMBLY, MAINSHAFT REVERSE (INCLUDES ITEM # 6, 7, 35, 36)				
1	NV17583	4723003	-	1992-96 ALL DODGE, 39T
	NV23277	4882374	-	1997 & UP ALL DODGE, 35T
	NV29552	-	-	1997 & UP ALL DODGE, GM 1999 & UP
9 - BEARING, MAINSHAFT REVERSE				
1	NV16803	4637761	15635250	ALL MODELS
10 - SPACER, MAINSHAFT REVERSE BEARING				
1	NV16793	4637762	15635251	REPLACED BY NV23195
	NV23195	4882542	12382815	ALL MODELS
11 - SNAP RING, MAINSHAFT REVERSE CLUTCH				
1	NV15207	4219085	14037974	ALL MODELS
12 - REVERSE CLUTCH GEAR				
1	NV17304	-	15637290	1992 ALL GM MODELS
	NV18920	-	12547203	1993-98 GM, S42-S45T w/o CONE
	NV18923	4723009	-	1993 & UP ALL DODGE, S42-45T, 1999 & UP ALL GM MODELS
	NV17305	4637757	-	1992 ALL DODGE MODELS
13 - NEEDLE BEARING, MAINSHAFT 1ST/2ND				
2	NV16804	-	-	REPLACED BY NV21503
	NV21503	4798769	15635229	ALL MODELS, TORRINGTON #26-2448A



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
14 - 1ST GEAR, MAINSHAFT				
1	NV17290	4637728	15637279	ALL MODELS, L39-S36(52)T
15 - MAINSHAFT				
1	NV17276	-	15637463	REPLACED BY NV25330, 1992-93 GM C-SERIES w/o PARKING BRAKE
	NV18779	-	12546682	REPLACED BY NV25330, 1993-95 GM C-SERIES
	NV23676	-	-	REPLACED BY NV25330
	NV25330	-	12382817	1994 & UP GM, C- SERIES, 4X2, USE w/NV23675 SPEEDO GEAR 20 1/4" O.A.L. w/o PARKING BRAKE
	NV17277	-	15637996	REPLACED BY NV25329, 1992-95 GM K-SERIES
	NV25329	-	12382816	REPLACED BY NV27170
	NV27170	-	-	1992 & UP GM, K-SERIES, 4X4, 19 3/4" O.A.L.
	NV17278	-	15637464	REPLACED BY NV18780, GM P-SERIES, USE w/NV16798 SPEEDO
	NV18780	-	15637464	REPLACED BY NV25331, 1993-95 GM, P-SERIES
	NV25331	-	12382818	1992 & UP GM, USE w/NV23675, P- SERIES, SPEEDO GEAR 24 1/2" O.A.L.
	NV17279	-	15637272	REPLACED BY NV18778, 1992-93 GM C-SERIES w/PARKING BRAKE
	NV18778	-	12546680	REPLACED BY NV25332, GM C-SERIES w/PARKING BRAKE
	NV25332	-	12382819	1992 & UP GM, GMT-455, USE w/NV23675 SPEEDO GEAR, C-SERIES w/PARKING BRAKE
	NV17280	4637714	-	REPLACED BY NV25324, 1993-95 DODGE, 4X2 V8 STD 18183
	NV18184	4741467	-	REPLACED BY NV25324, DODGE, 4X2 V8 STD
	NV25324	4882313	-	REPLACED BY NV27172, DODGE, 4X2 V8 STD
	NV27172	05003219AA	-	1992-97 DODGE, L.D., V8 4X2, STD MAINSHAFT 24 1/2" O.A.L.
	NV17281	4637711	-	REPLACED BY NV18339, 1992-93 DODGE V8, 4X4
	NV18339	4741469	-	REPLACED BY NV23526, 1993-95 DODGE V8, 4X4, 18187
	NV25326	48822317	-	REPLACED BY NV27171 DODGE 4X4 V8
	NV27171	05003215AA	-	1992 & UP DODGE, L.D. V8, STD, 4X4, MAINSHAFT 17 3/4" O.A.L. 31 SPLINE
	NV27174	05003037AA	-	1998 & UP DODGE, L.D., 4X2, MAINSHAFT 24 1/2" O.A.L.
	NV18159	4741468	-	REPLACED BY NV25325, 1993-95 DODGE, 4X2, V10 DIESEL HD
	NV25325	4882316	-	REPLACED BY NV27176, DODGE 4X2, V10 DIESEL HD
	NV27176	05003222AA	-	1994-97 DODGE, H.D., 4X2, MAINSHAFT 24 1/2" O.A.L. 31 SPLINE V10 DIESEL
NV27176L	-	-	1994-00 DODGE, H.D., 4X2, MAINSHAFT, FULL SPLINE FOR 5TH GEAR AREA	
NV30306	05016381AA	-	1998 & UP DODGE, H.D., 4X2, MAINSHAFT O.A.L. 31 SPLINE, V10 DIESEL	
NV18180	4741472	-	REPLACED BY NV25325	
NV25325	4882316	-	REPLACED BY NV27173	
NV27173	05003218AA	-	1994 & UP DODGE, H.D., 4X4, MAINSHAFT 17 3/4" O.A.L. DIESEL	
16 - PIN, THRUST WASHER				
2	NV99086	4773176/2952592	9431704	ALL MODELS, MAINSHAFT REVERSE, 3RD & COUNTERSHAFT
17 - SNAP RING, MAINSHAFT 1ST/2ND				
4	NV16875	4637716	15635217	ALL MODELS
18 - SYNCHRO RING (INNER), MAINSHAFT 1ST/2ND				
2	NV17084	4637717	15635216	STEEL S20T
19 - SYNCHRO RING (CENTER), MAINSHAFT 1ST/2ND				
2	NV17078	4637718	15635219	LINED w/4 TANGS
20 - SYNCHRO RING (OUTER), MAINSHAFT 1ST/2ND				
2	NV17284	4637719	15637274	STEEL S44(52)T
21 - SYNCHRO ASSEMBLY, MAINSHAFT 1ST/2ND (INCLUDES ITEM # 22, 23, 24, 25, 26, 27)				
1	NV17579	4723007	12540298	DODGE 1ST DESIGN w/BLOCKS, GM ALL MODELS, REPLACED BY NV23678
	NV23678	-	12382776	1992-94 ALL GM, 43(51)T, w/o RINGS DODGE, 1ST DESIGN w/BLOCKS
	NV20233	4796270	-	1994 & UP DODGE, 2ND DESIGN w/o BLOCKS
22 - SPRING (INCLUDED IN ITEM #21)				
1	NV17287	4637725	15637278	REPLACED BY NV23677
	NV23677	-	12382775	ALL MODELS, BOTTOM
	NV17286	4637724	15637277	ALL MODELS, TOP
23 - 1ST/2ND SYNCHRO COLLAR (INCLUDED IN ITEM #21)				
1	NV17283	4637722	15637276	ALL MODELS



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
24 - SPRING, 1ST/2ND SYNCHRO (INCLUDED IN ITEM #21)				
4	NV17285	4637720 / 4741137	14082096	ALL MODELS
25 - STRUT, 1ST/2ND SYNCHRO (INCLUDED IN ITEM #21)				
4	NV17289	4637721	15637275	ALL MODELS
26 - HUB, 1ST/2ND SYNCHRO (INCLUDED IN ITEM #21)				
1	NV17282 NV20234	4637709 -	15637273 -	DODGE 1ST DESIGN, ALL MODELS 1994 & UP, DODGE 2ND DESIGN, NO CUT IN GEAR FOR BLOCKS (NV17144)
27 - SYNCHRO BLOCK, 1ST/2ND (INCLUDED IN ITEM #21)				
4	NV17144	4637723	15635224	ALL GM, DODGE 1ST DESIGN
28 - 2ND GEAR, MAINSHAFT				
1	NV17293	4637730	15637281	ALL MODELS, L37-S36(52)T
29 - THRUST WASHER, MAINSHAFT 3RD				
1	NV16795	4637732	15635232	ALL MODELS
30 - SNAP RING, THRUST WASHER				
1	NV16794	4637733	15635233	ALL MODELS, MAINSHAFT 3RD
31 - SPACER, MAINSHAFT 3RD GEAR BEARING				
1	NV16792 NV23193	4637737 4882540	15635239 12382814	REPLACED BY NV23193, ALL MODELS, USE w/NV17194 BEARINGS ALL MODELS, USE w/SINGLE ROW BEARING NV21504
32 - 3RD GEAR, MAINSHAFT				
NOTE: IF UPDATING A UNIT FROM A 6.34 RATIO TO 5.61 RATIO, YOU MUST ALSO CHANGE: COUNTERSHAFT TO NV22608, INPUT SHAFT TO NV20018 AND THE 3RD GEAR, MAINSHAFT TO NV23712.				
1	NV17295 NV18922 NV18323 NV18918 NV23709 NV23712	- - 4740822 4773011 4864410 4874369	15637283 12542867 - 12548480 - 12382792	REPLACED BY NV18922, 1992 GM, 6.34:1 REPLACED BY NV18918, 1993-94, L28-S48T(52), USE w/ASSEMBLY COUNTERSHAFT, 6.34:1, GM 29T REPLACED BY NV23709, DODGE 1994, MODEL 12515 & 12517, 5.61:1 REPLACED BY NV23709, L29-s48T(52), USE w/ASSEMBLY COUNTERSHAFT, 5.61:1, MODELS 18155, 18183, 18179, 18187 REPLACED BY NV23712, DODGE, L29-S48T, 5.61:1 29T DODGE & GM, L29-S48T(50), 5.61:1, w/ 1 PIECE COUNTERSHAFT
33 - NEEDLE BEARING, MAINSHAFT 3RD				
2	NV17194 NV18782 NV21504	4637736 - 4798768	15635238 - 15635238	REPLACED BY NV18782 (USE w/NV16792) REPLACED BY NV21504 TORRINGTON #26-2449A
34 - SYNCHRO RING				
2	NV17298 NV24025	4637739 4897883	15637286 -	REPLACED BY NV24025, ALL MODELS, MAINSHAFT 3RD/4TH, LINED S39(48)T ALL MODELS, MAINSHAFT 3RD/4TH, LINED S39(48)T
35 - SPRING (INCLUDED IN ITEM # 8, 39)				
3	NV17346	4637740	15637912	MAINSHAFT 3/4 & REVERSE & COUNTERSHAFT 5TH
36 - STRUT, SYNCHRO (INCLUDED IN ITEM # 8, 39)				
3	NV17299	4637738	15637285	MAINSHAFT 3/4 & REVERSE & COUNTERSHAFT 5TH
37 - SYNCHRO HUB, MAINSHAFT 3RD/4TH (INCLUDED IN ITEM # 39)				
1	NV17301	4637753	15637287	ALL MODELS
38 - SLEEVE, MAINSHAFT 3RD/4TH SYNCHRO (INCLUDED IN ITEM # 39)				
1	NV18321	-	12542866	ALL MODELS
39 - SYNCHRO ASSEMBLY, MAINSHAFT 3RD/4TH (INCLUDES # 35, 36, 37, 38)				
1	NV17580 NV18412	- 4740824	- 12542865	REPLACED BY NV18412 ALL MODELS 46(48)T, w/o RINGS (NV17298)
40 - MAINDRIVE CLUTCH RING				
1	NV17303 NV18919 NV21313 NV18322	- 4773007 4874370 4740821	15637289 12547202 - -	REPLACED BY NV18919, GM 1992 REPLACED BY NV21313, DODGE 1993-95, GM 1993-95 ALL MODELS S48-S24 (39)T, w/CONE, 48T-24 (39) DODGE 1992 MODELS
41 - BEARING SPACER, MAINSHAFT				
1	NV16807	4637775	15635245	ALL MODELS
42 - PILOT BEARING, MAINSHAFT				
1	NV16805	4637774	15638007	ALL MODELS INA#F213726



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
43 - INPUT SHAFT				
1	NV18160	4741541	-	REPLACED BY NV25356, 1993-95 DODGE DIESEL, V10, L22-S39T
	NV18358	4741540	-	REPLACED BY NV25354, 1993-95 DODGE, V8 w/10 SPLINE, L22-S39T
	NV17311	4637772	-	1992 DODGE, V8 w/19 SPLINE, L22-S39T
	NV25354	4882357	-	DODGE, V8 w/10 SPLINE CLUTCH, L22-S39T
	NV25356	4882358	-	DODGE DIESEL, V10, L22-S39T
	NV17310	-	15637293	1992-94 GM, 6.34:1 LOW, L20-S39T
	NV20018	-	12548483	1995-UP GM, 5.61:1 LOW, L22-S39T
44 - BEARING, CONE/CUP				
1	NV17505	4723145	15665236	ALL MODELS, MDG BEARING CONE, USE M802048
	NV17506	4741544	15665237	1992-95 ALL DODGE, GM RSC
	NV21298	-	-	1996 & UP GM, CSC, TIMKEN #NP728109
45 - OIL SEAL, MDG FR				
1	NV16780	4637776	15635260	1992-95, ALL DODGE, GM
	NV21901	-	-	1996 & UP GM
46 - SNAP RING, COUNTERSHAFT 5TH				
1	NV17018	4637795	15635274	ALL MODELS, MUST USE 2 WHEN USING A NV22608 COUNTERSHAFT (SEE SPECS)
	NV22418	4864472	12382766	ALL MODELS
47 - CLUTCH O.D. GEAR				
1	NV17319	-	15637299	1992 GM
	NV18921	4637793	12547204	ALL MODELS, S42-S14T w/CONE
48 - SYNCHRO RING				
1	NV17307	4637792	15637298	REPLACED BY NV24024, ALL MODELS, COUNTERSHAFT 5TH LINED, S39(42)T, ALSO DODGE MAINSHAFT REVERSE
	NV24024	4897881	-	ALL MODELS COUNTERSHAFT 5TH LINED, S39(42)T, ALSO DODGE MAINSHAFT REVERSE
49 - 5TH GEAR, COUNTERSHAFT				
1	NV17317	-	15637296	GM R51-S31(42)T, 6 3/8" O.D. 6.34:1 (ENGAGES 19T MAINSHAFT GEAR)
	NV17318	4637786	12548338	ALL R51-S31(42)T, 6 3/16" O.D.5.61:1 (ENGAGES 22T MAINSHAFT GEAR)
50 - SYNCHRO ASSEMBLY, COUNTERSHAFT 5TH GEAR				
1	NV17581	-	12540300	1992-93 GM, 6.34:1 R51T
	NV17582	4723002	12548337	GM & DODGE, 5.61:1 R51T, SEE SPECS FOR CONTENTS
51 - SPACER, COUNTERSHAFT 5TH GEAR BEARING				
1	NV17200	4637788	15635271	ALL MODELS USED W/SINGLE ROW BRG, USE WITH NV17195 BEARING
52 - NEEDLE BEARING, COUNTERSHAFT 5TH GEAR				
2	NV17195	4637787	15635270	REPLACED BY NV18783 (USE w/NV17200)
	NV18783	-	12350045	REPLACED BY NV21505, ALL MODELS, NO SPACER REQUIRED
	NV21505	4882541	12382813	ALL MODELS, TORRINGTON #26-2965
53 - THRUST WASHER, COUNTERSHAFT REAR				
1	NV16874	4637778	15635262	ALL MODELS
54 - SHIM KIT, COUNTERSHAFT REAR BEARING				
1	NV16853	4637780	15635263	ALL MODELS
55 - REAR BEARING, COUNTERSHAFT				
1	NV17274	4637708	15637270	USE LM501349, ALL MODELS COUNTERSHAFT REAR BEARING CONE
	NV17275	4637707	15637271	USE LM501310, ALL MODELS COUNTERSHAFT REAR BEARING CUP
56 - PIN, COUNTERSHAFT				
1	NV18437	4741362	12542972	ALL MODELS
57 - COUNTERSHAFT				
1	NV17500	4377501	12542902	REPLACED BY NV22608, ALL MODELS, COUNTERSHAFT R21-12T
	NV22657	-	-	1997 & UP ALL MODELS
	NV22608	-	-	1995-96 ALL GM, 1992-96 DODGE
58 - KEY, COUNTERSHAFT				
2	NV17499	4637702	12542558	ALL MODELS
59 - 3RD GEAR, COUNTERSHAFT				
1	NV17329	-	15637267	GM 1992-93, R32T, 6.34:1
	NV17330	4637703	-	ALL MODELS, R30T, 5.61:1
60 - COUNTERSHAFT DRIVE GEAR				
1	NV17271	-	15637268	1991-97 GM, R39T, 6.34:1
	NV17272	4637704	NSS	1992-97 ALL MODELS, R38T, 5.61:1



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ILLUSTRATION DESCRIPTION

QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
61 - COUNTERSHAFT ASSEMBLY				
NOTE: IF UPDATING A UNIT FROM A 6.34 RATIO TO 5.61 RATIO, YOU MUST ALSO CHANGE: COUNTERSHAFT TO NV 22608, INPUT SHAFT TO NV20018 AND THE MAINSHAFT 3RD GEAR TO NV23712.				
1	NV17390	4637700	12548477	REPLACED BY NV22415, 1994-97 GM, 14 SPLINE, ALL MODELS
	NV22415	-	-	REPLACED BY NV22608
	NV18317	-	12542557	1992-93 GM, 14 SPLINE, USE NV22608
	NV22608	4874836	12382796	1992-96 ALL MODELS, R38-30-21-12T, 5.61:1
	NV22657	4882367	12382834	1997 & UP ALL MODELS
62 - BEARING, COUNTERSHAFT FRONT				
1	NV17270	4637691/4637785	15637265	USE LM102910, ALL MODELS COUNTERSHAFT FRONT BEARING CUP, USE WITH 17270 CUP
	NV17273	4637705	15637269	USE LM102949, ALL MODELS COUNTERSHAFT FRONT BEARING CONE
63 - BEARING CAP, COUNTERSHAFT FRONT				
1	NV16846	4637689	15635197	ALL MODELS
64 - WASHER, REVERSE IDLER GEAR				
2	NV16836	4637698	15635204	REPLACED BY NV23211
65 - BEARING, REVERSE IDLER				
2	NV16772	4637695	15635202	1992-96 ALL MODELS
	NV23265	4882365	12382832	1997 & UP ALL MODELS
66 - REVERSE IDLER GEAR				
1	NV16785	4637693	15635201	1992-96 ALL MODELS, L15T
	NV23263	4882364	12382839	1997 & UP ALL MODELS
67 - SPACER, REVERSE IDLER BEARING				
1	NV16818	4637696	15635203	1992-96 ALL MODELS
68 - REVERSE IDLER SHAFT				
1	NV16817	-	-	REPLACED BY NV18845
	NV18845	4762401	12548476	1992-96 ALL MODELS
	NV23266	4882366	12382833	1997 UP ALL MODELS
69 - NUT, MAINSHAFT				
THE MAINSHAFT NUT KITS WERE DESIGNED TO ELIMINATE THE PROBLEM OF THE MAINSHAFT NUT BACKING OFF IN NEW VENTURE KITS. THE KITS CONTAIN A HIGH GRADE SPECIALLY DESIGNED NUT, TWO BRASS INSERTS, TWO SET SCREWS & A TUBE OF THREAD LOCK.				
1	NV18166	4741553	-	REPLACED BY NV27133 DODGE DIESEL, ALL V10
	NV30139	5013887AA	-	REPLACED BY NV27133M
	NV16899	4637802	15635327	DODGE, 4X2/4X4, STD GM, K-SERIES w/DAMPENER
	NV27133	-	-	DODGE DIESEL V10
	NV27133M	-	-	DODGE DIESEL V10
	NV27134	-	-	DODGE, ALL EXCEPT V10 DIESEL, GM 4X4, K-SERIES w/DAMPENER
	NV27134M	-	-	DODGE, ALL EXCEPT V10 DIESEL, GM 4X4, K-SERIES w/DAMPENER
70 - WASHER, MAINSHAFT 5TH GEAR				
NOTE: THESE WASHERS ARE NOT REQUIRED AFTER 1994				
1	NV18165	4741552	-	ALL DODGE H.D. MODELS, DIESEL, V10
	NV17181	4637801	15635326	ALL GM 4X4 MODELS, ALL DODGE 4X2, 4X4 L.D. MODELS, GM -K SERIES
71 - SPACER / VIBRATION DAMPENER				
1	NV18425	-	12545152	REPLACED BY NV25289, GM 6.5L DIESEL, K-SERIES w/o DAMPENER
	NV25289	-	12382836	GM 6.5L DIESEL, K-SERIES w/o DAMPENER
	NV16823	-	15635329	GM K-SERIES, ALL EXCEPT 6.5L DIESEL
72 - OIL SEAL				
1	NV4269956	4269956	-	DODGE 4X4, MODELS 18187 & 18179
73 - REAR EXTENSION HOUSING				
1	NV18106	4723030	-	1992-93 DODGE REAR RETAINER, 4X4, C#18107, MODEL 12517
	NV18181	4741560	-	REPLACED BY NV26705, 1994 & UP DODGE REAR RETAINER 4X4, DIESEL, C#18182, MODELS 18187, 18179
	NV26705	4897395	-	DODGE REAR RETAINER 4X4, STD & HD, C#26706 w/SEAL 4269956
74 - REAR EXTENSION HOUSING				
1	NV16824	-	-	REPLACED BY NV18305, 1992 & UP, GM REAR RETAINER, K-SERIES, 4X4
	NV18305	-	15635328	1992 & UP, GM REAR RETAINER, K-SERIES, 4X4, C#18306
75 - BOLT				
3	NV16862	4637805	15635285	ALL MODELS



NEW VENTURE - MODEL 4500



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
76 - DOWEL, RETAINER				
3	NV16863	4637804	15635284	ALL MODELS
77 - BOLT, NUT RETAINING				
1	NV17068	-	15636446	GM P-SERIES w/YOKE
	NV18693	-	12544824	GM C-SERIES w/YOKE, 4X2, ALL GMT-455
78 - WASHER, YOKE RETAINING				
1	NV23674	-	12382783	GM C-SERIES, w/YOKE, w/o DAMPENER
	NV17068	-	15636446	GM C-SERIES, w/YOKE, w/o DAMPENER
	NV17064	-	15636444	GM P-SERIES, w/YOKE, w/o DAMPENER
79 - YOKE & DAMPENER				
1	NV17544	-	15664906/15635329	GM 6.5L DIESEL, C-SERIES, w/o PARKING BRAKE
	NV18741	-	15635287	GM C-SERIES, ALL EXC. 6.5L DIESEL, w/o PARKING BRAKE, GMT-455
80 - DAMPENER				
1	NV17093	-	15635329	GM C-SERIES
81 - OIL SEAL, MAINSHAFT				
2	NV16781	-	15635281	GM C-SERIES, w/o PARKING BRAKE
	NV17137	-	15635334	GM C-SERIES, w/o PARKING BRAKE, 15691903, 15960760
	NV17062	-	15636443	GM P-SERIES, w/o PARKING BRAKE, 15970950, 1594756
	NV17063	-	15635391	GM P-SERIES, w/PARKING BRAKE, 15970952, 15954757
82 - SNAP RING, EXTENSION BEARING				
2	NV17165	-	15635283	GM C-SERIES 4X2
83 - NEEDLE BEARING				
2	NV18643	-	12547173	GM C-SERIES 4X2
84 - REAR EXTENSION HOUSING				
1	NV16808	-	15635280	GM C-SERIES, w/o PARKING BRAKE, C# 16808, 4X2
	NV17106	-	15635333	GM C-SERIES, w/PARKING BRAKE, C# 17106, 4X2, GMT-455
85 - SCREW, SPEEDO SENSOR				
2	NV6501474	-	15635324	GM C-SERIES, 4X2
86 - SPEEDO SENSOR				
2	NV8672237	-	8672237	REPLACED BY NV26960, GM C-SERIES, 4X2
	NV26960	-	8672237	GM C-SERIES, 4X2
87 - SCREW, REAR BEARING PLATE				
4	NV18191	4728934	12542559	ALL MODELS, MAINSHAFT & COUNTERSHAFT
88 - REAR COUNTERSHAFT PLATE				
1	NV16954	4637785	15635267	ALL MODELS
89 - REAR MAINSHAFT BEARING PLATE				
1	NV16835	4637784	15635266	ALL MODELS
90 - MAGNET				
1	NV95472	3681601	3787240	1992 ALL MODELS, USED
	NV18960	4773012	-	ALL OTHER MODELS, USED, w/o CLIP
91 - CASE ASSEMBLY				
1	NV18335	4637683	-	1992-93 ALL DODGE, C#16812, MODEL 12515 & 12517
	NV18156	4741461	-	1994-96 ALL DODGE, C#22329
	NV23165	4882319	12382831	1997 & UP ALL MODELS, C#23167
	NV18334	-	12542903	1992-95 GM w/REMOTE, SLAVE CYLINDER, C#16812
	NV22328	-	12549366	1996, ALL GM MODELS, w/CONCENTRIC SLAVE CYLINDER, C#18157
92 - FRONT RETAINER, MDG				
1	NV18162	-	-	REPLACED BY NV18161
	NV18348	-	-	REPLACED BY NV18347
	NV18347	4741542	-	DODGE, V8 w/10 SPLINE CLUTCH, C#17316, MODEL 18183 & 18187
	NV17508	4713787	-	DODGE, V8 w/19 SPLINE CLUTCH, C#17316, MODEL 12515 & 12517
	NV18161	4741543	-	DODGE DIESEL ALL, V10, C#18163, MODEL 18155 & 18179
	NV17507	-	15665238/15637295	GM 1992-95, C#17315
	NV22414	-	12549369	GM 1996 & UP
93 - BOLT, MDG RETAINER				
4	NV16371	4637777	15635261	1992-95 GM, RSC
4	NV22413	-	12549368	1996 & UP GM, CSC
94 - PTO COVER BOLT				
12	NV15595893	4637851	9440034	ALL MODELS



NEW VENTURE - MODEL 4500



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
95 - PTO COVER				
2	NV35662	556875	6273213	ALL MODELS
96 - PLUG, DRAIN				
1	NV17479	4713426	-	DODGE, ALL MODELS
97 - PLUG, FILL				
1	NV17325	-	15637304	GM, ALL MODELS
	NV17332	4637849	-	DODGE, ALL MODELS
98 - REAR EXTENSION HOUSING				
1	NV17060	-	-	REPLACED BY NV23338
	NV17069	-	-	REPLACED BY NV25085
	NV23338	-	12382787	GM P-SERIES, w/PARKING BRAKE, C#23337, w/o YOKE
	NV25085	-	12382810	GM P-SERIES, w/o PARKING BRAKE, C#23337 w/YOKE
99 - SPACER, MAINSHAFT (DAMPENER)				
1	NV17138	-	15635332	GM C-SERIES, w/PARKING BRAKE, GMT-455
	NV17545	-	15664907	GM K-SERIES, 6.2L DIESEL, w/DAMPENER
	NV17066	-	15636442	GM P-SERIES, w/o PARKING BRAKE, 15970950, 15954756
	NV17067	-	15635392	GM P-SERIES, w/PARKING BRAKE, 15970952, 15954757
100 - REAR EXTENSION HOUSING				
1	NV17008	4637803	-	1992-93 DODGE REAR RETAINER, 4X2, GAS, C#16965, MODEL 12515
	NV18293	4741558	-	1994-97 DODGE GAS L.D., 4X2, C#18186, MODEL 18183
	NV18169	4741559	-	1994-97 DODGE DIESEL H.D., 4X2, V10 C#18171, MODEL 18155
	NV26102	05003034AA	-	1998 & UP DODGE, 4X2 L.D., C#25947
	NV26103	05003035A	-	1998 DODGE, 4X2 & UP H.D., C#25945
101 - OIL SEAL				
1	NV18173	4741920	-	ALL DODGE, REAR SEAL H.D., DIESEL, 4X2, V10, C#18155
	NV3515383	4741119	-	ALL DODGE, REAR SEAL L.D., 4X2, STD, C#12515, 18183
	NV4269956	4269956	-	ALL DODGE, REAR SEAL, 4X4
102 - SEALING DONUT				
1	NV18178	4741641	-	DODGE H.D. MODELS, DIESEL, V10
	NV17039	4637857	-	DODGE L.D., 4X2 STD, MODELS 18183, 18187, 12515, 12517
103 - PIN				
2	NV91386	1664355	2462226	USE NV91386, SHIFT FORK (LUG) RAIL ROLL PIN
104 - SHIFT RAIL, 5TH				
1	NV20231	4778216	12548394	ALL MODELS
105 - REVERSE INHIBITOR PIN				
1	9431637	9431637	9431637	ALL MODELS
106 - REVERSE INHIBITOR ASSEMBLY				
1	NV17119	4637897	15635305	ALL MODELS
107 - SHIFT FORK, 5TH				
1	NV18304	-	12542892	REPLACED BY NV18937, 1992 GM & DODGE
	NV18937	4773178	12547836	ALL MODELS
108 - SPRING, BIAS				
1	NV16868	4637813	15635295	ALL MODELS
109 - BOLT, REVERSE INHIBITOR				
2	NV16975	4637844	15635311	ALL MODELS
110 - BUSHING, 5TH GEAR SHIFT RAIL				
2	NV16767	4637688	15635196	ALL MODELS
111 - PLUNGER, BIAS				
1	NV16872	4637812	15635294	ALL MODELS, REVERSE/OVERDRIVE FORK, 1/2 SHIFT FORK
112 - PIN, BIAS SPRING RETAINING				
1	NV455289	455289	455289	ALL MODELS
113 - PAD, CURVED				
1	NV17202	4637837	15635277	REPLACED BY NV25619, ALL MODELS USE w/18931 FORK
	NV25619	4883128	-	ALL MODELS
114 - PAD, STRAIGHT				
2	NV17201	4637837	15635277	REPLACED BY NV28437, 1992-98 ALL GM & 1992-97 DODGE USE w/NV18931 FORK
	NV28437	05012018AA	-	1999 & UP GM, 1998 & UP DODGE MODELS



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
115 - SHIFT LUG, 3RD/4TH				
1	NV16769 NV18863	4637827 -	15635299 -	REPLACED BY NV18863, 1992 ALL DODGE & GM ALL MODELS
116 - SHIFT LUG, 1ST/2ND				
1	NV18188 NV18862 NV25657	4637811 - -	12542521 - -	1992-94 GM & 1992-97 DODGE 1995-96 GM 1997 & UP GM, 1998 & UP DODGE
117 - REVERSE SHIFT FORK				
2	NV18189 NV18931 NV18868 NV25661 NV25765	- - - - -	15664808 - - - -	REPLACED BY NV18931, 1992 GM & DODGE, 1ST DESIGN, w/BIAS PLUNGER REPLACED BY NV25765, 1991-92 ALL MODELS, w/BIAS PLUNGER REPLACED BY NV25661, 1994-96 GM, 2ND DESIGN, w/o BIAS PLUNGER GM, ALL MODELS, w/o BIAS PLUNGER DODGE, ALL MODELS, w/BIAS PLUNGER
118 - PLUNGER, DETENT				
3	NV16841	4637848	15635314	ALL MODELS
119 - SPRING, DETENT				
1	NV16768 NV18876 NV20031	4637846 - -	15635313 - -	ALL MODELS AS REQUIRED, COLOR NATURAL ALL MODELS, ONLY GM, P-SERIES, ORANGE AS REQUIRED ALL MODELS, EXCEPT GM, P-SERIES, GREEN AS REQUIRED
120 - SHIFT RAIL, REVERSE				
1	NV16816	4637839	15635303	ALL MODELS
121 - PLUNGER, INTERLOCK				
2	NV35660	556882	2462228	ALL MODELS
122 - PIN, INTERLOCK				
1	NV88397	1265694	2462229	ALL MODELS
123 - SHIFT FORK, 1ST/2ND				
1	NV35660	556882	2462228	ALL MODELS
124 - SHIFT RAIL, 3RD/4TH				
1	NV18320	4637831	12542864	ALL MODELS
125 - SHIFT RAIL, 1ST/2ND				
1	NV17288	4637816	15637913	ALL MODELS
126 - SHIFT FORK, 3RD/4TH				
1	NV18302 NV27208	4637829 -	12542894 1232882	ALL MODELS ALL MODELS
127 - SHIFT LEVER CAP				
1	NV17328 NV18453	1936218 4741364	15637307 -	1992-94 ALL GM, USED w/SEAT; SPHERICAL TOP USED w/C#17326, 17327 & DODGE MODEL 12515 & 12517 ALL USED w/o SEAT; FLAT TOP USED w/NV18896, NV18768 & DODGE MODELS 18155, 18179, 18183, 18187
128 - SHIFT LEVER SEAT				
1	NV93444	4637854	2458324	1992-94 ALL DODGE MODELS 12515-12517, GM 1ST DESIGN, USE w/NV17326 & NV17327
129 - SPRING, SHIFT LEVER				
1	NV17146 NV18452	4637855 4741363	15636798 -	1992-95, USED w/SEAT: CYLINDRICAL , USED w/NV17326, NV17327, DODGE 12515, 12517, GM 1992-95 ALL, USED w/o SEAT; CONICAL USED w/NV18896, NV18768, DODGE 18155, 18179, 18183, 18189
130 - SPRING, SHIFT LEVER				
1	NV17327 NV18768 52107612 NV17326 NV20604 NV25818 NV18896	4637852 4762856 - - - - -	- - - 15637305 12547315 - -	1992-93 DODGE ALL, 12515, 12517 1994 & UP DODGE, 18155, 18179, 18183, 18187 1998 & UP 1992-94 GM, 1ST DESIGN 1995 GM, 2ND DESIGN, EXCEPT P-SERIES 1994 & UP GM, 2ND DESIGN, ALL EXCEPT P-SERIES 1995 GM, 2ND DESIGN, P-SERIES
131 - SHIFT LEVER TRUNNION				
2	NV17376 NV18737	4637808 4762400	- -	ALL MODELS, 1ST DESIGN ALL MODELS, 2ND DESIGN



NEW VENTURE - MODEL 4500



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ILLUST DESCRIPTION				
QTY	QG PART	DODGE PART	GM PART	APPLICATION INFORMATION
132 - PLUG, INTERLOCK				
1	NV9421743	9421743	9421743	ALL MODELS
133 - BOLT, SHIFT COVER				
10	NV6022235	181088	15635268	ALL MODELS
134 - DOWEL, SHIFT COVER				
2	NV16771	4637847	15635315	ALL MODELS
135 - SHIFT COVER				
1	NV18788	-	-	1992-93 DODGE, C#17321
	NV18607	-	-	1994-95 DODGE
	NV25140	-	-	1996 & UP DODGE, C#25138
	NV17321	-	15637302	1992-94 GM, 1ST DESIGN, C#17321
	NV18861	-	-	REPLACED BY NV25139, 1994-95 GM, 2ND DESIGN, C#18860
	NV25139	-	12382804	1996 & UP GM, 2ND DESIGN, C#25137
135 A - SHIFT COVER ASSEMBLY				
NOTE: 1ST DESIGN - REFERS TO ASSEMBLIES WITH AN INTEGRAL SHIFT TOWER				
2ND DESIGN - REFERS TO ASSEMBLIES WITH A REMOVABLE SHIFT TOWER				
1	NV17389	-	-	REPLACED BY NV18410, 1992-93 ALL MODELS, 1ST DESIGN w/REVERSE INHIBITOR, C#17321
	NV18410	-	-	1992-96 ALL MODELS, 1ST DESIGN, w/REVERSE INHIBITOR
	NV20037	4741561	-	REPLACED BY NV25120, 1994-95 DODGE, w/o REVERSE INHIBITOR
	NV25120	-	-	1996 & UP DODGE, w/o REVERSE INHIBITOR, C#25138
	NV18606	-	12548459	1993-94 GM, 1ST DESIGN, w/o REVERSE INHIBITOR
	NV26381	4773561	-	1994 & UP GM, 1ST DESIGN, w/o REVERSE INHIBITOR
	NV18879	-	-	REPLACED BY NV24564, 1994-95 GM, P-SERIES
	NV24564	-	-	REPLACED BY NV25141
	NV25141	-	12382809	REPLACED BY NV26383, 1994-96 GM, P-SERIES
	NV26383	-	-	1996 & UP GM P-SERIES, 2ND DESIGN
	NV25136	-	12382808	1994-96 GM, ALL EXCEPT P-SERIES, 2ND DESIGN ALL
NV18871	-	12548340	1995 GM, EXCEPT P-SERIES	
136 - BREATHER ASSEMBLY				
	NV16090	4637809	15581915	REPLACED BY NV17988, ALL GM, EXCEPT P-SERIES
	NV17988	-	-	ALL GM, EXCEPT P-SERIES
	NV17465	4741660	12542560	DODGE ALL, GM, P-SERIES
137 - BACK-UP SWITCH				
1	-	4741630	14014559	ALL GM, 1994 & UP DODGE
	-	4221949	-	1992-93 DODGE, 12515, 12517
138 - GASKET, BACK-UP SWITCH				
1	NV89279	1302807	3929530	ALL MODELS, REVERSE INDICATOR SWITCH
139 - SHIFT RAIL, PLUG				
3	NV17480	4720594	15635312	1992-95 ALL MODELS
	NV23662	4882279	12382801	1996 & UP ALL GM & DODGE, ALL MODELS
140 - BOLT, SHIFT TOWER				
4	NV18872	05003218AA	-	1998 & UP DODGE, 1995 & UP GM
141 - BUSHING, SHIFT TOWER				
4	NV18870	05003212AA	-	1998 & UP DODGE, 1995 & UP GM
142 - NUT, SHIFT STUB				
1	NV17419	-	23049524	1992-94 GM
	NV17327	4637852	-	1992-93 DODGE, COURSE THREAD
143 - SHIFT TOWER, LEVER ASSEMBLY				
1	NV25982	05003211AA	-	1998 & UP DODGE
	NV25818	-	12382823	1995 & UP GM, ALL EXCEPT P-SERIES
	NV25819	-	12382824	1995 & UP GM, ALL P-SERIES
	NV17326	-	15637305	1992-94 ALL GM
	NV18768	4762856	-	1994-97 DODGE, SQUARE
144 - SPACE ISOLATOR ASSEMBLY				
1	NV18873	05003214AA	-	1998 & UP DODGE, 1995 & UP GM
145 - ROLL PIN, SHIFT FORK (LUG) RAIL				
7	NV18437	-	-	ALL MODELS, ALSO COUNTERSHAFT PIN



NEW VENTURE - MODEL 4500, BEARING KITS



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QTY	DESCRIPTION	QG PART NO.	T4500D	T4500GM
1	BEARING CUP	LM102910	✓	✓
1	BEARING CONE	LM102949	✓	✓
1	BEARING CUP	LM501310	✓	✓
1	BEARING CONE	LM501349	✓	✓
1	BEARING CUP	M802011	✓	✓
1	BEARING CONE	M802048	✓	✓
1	BEARING CUP	M804010	✓	✓
1	BEARING CONE	M804049	✓	✓
2	REVERSE IDLER NEEDLE BEARING	NV16772	✓	✓
1	REVERSE GEAR NEEDLE BEARING	NV16803	✓	✓
1	PILOT NEEDLE BEARING	NV16805	✓	✓
1	THRUST SPACER BEARING	NV16807	✓	✓
1	REVERSE IDLER SPACER	NV16818	✓	✓
1	BEARING CAP	NV16846	✓	✓
1	NEEDLE BEARING (HK5020) GM	NV18643	✓	✓
2	NEEDLE BEARING 1st/2nd	NV21503	No	✓
1	NEEDLE BEARING 3rd	NV21504	✓	✓
1	NEEDLE BEARING C/S	NV21505	✓	✓
1	DODGE MDG FRONT SEAL (4637776) GM 1992-95 (15635260)	NV16780	16780 NAT WIDTH .252"	16780 NAT
1	GM M/S REAR SEAL (15635281) C-SERIES w/o PARK BRAKE	NV16781		16781 NAT
1	GM M/S REAR SEAL (15636443) P-SERIES w/o PARK BRAKE	NV17062		17062 BLUE
1	GM M/S REAR SEAL (15635391) P-SERIES w/PARK BRAKE	NV17063		17063 GREY
1	GM M/S REAR SEAL (15635334) C-SERIES w/PARK BRAKE	NV17137		17137 NAT L4670RER
1	DODGE M/S REAR SEAL (4741920) 4X2 V10/DIESEL	NV18173	4741920 WIDTH 1.5"	
1	GM MDG FRONT SEAL (NO GM#) 1996 & UP	NV21901		21901
1	DODGE M/S REAR SEAL (4741119) 4X2 GAS	NV3515383	3515383 WIDTH 1.5"	
1	DODGE M/S REAR SEAL (4269956) 4X4 ALL	NV4269956	4269956 CHR	

NOTE: T4500GM FITS UP TO 1996, FOR 1996 & UP APPLICATIONS, YOU MUST USE NV21298 MDG BEARING CUP INSTEAD OF THE M802011.



NEW VENTURE - MODEL 4500, SMALL PARTS KITS



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QTY	DESCRIPTION	QG PART NO.	SP4500-50D	SP4500-50GM
1	SNAP RING	NV15207	✓	✓
1	SNAP RING	NV16794	✓	✓
1	WASHER	NV16795	✓	✓
1	WASHER	NV16797	✓	✓
1	CAP	NV16846	✓	✓
1	THRUST WASHER	NV16874	✓	✓
4	SNAP RING	NV16875	✓	✓
1	SNAP RING	NV17018	✓	✓
1	WASHER	NV17181	NO	✓
4	SPRING	NV17285	✓	✓
1	SPRING	NV17286	✓	✓
1	SPRING	NV17287	✓	✓
4	STRUT	NV17289	✓	✓
6	STRUT	NV17299	✓	✓
6	SPRING	NV17346	✓	✓
2	KEY	NV17499	✓	✓
1	WASHER	NV18165	✓	NO
1	NUT	NV18693	NO	✓
2	IDLER WASHER (NV16836)	NV23211	✓	✓
1	INSERT (NV17202)	NV25619	✓	✓
1	M/S NUT (NV18166)	NV27133	✓	NO
1	M/S NUT (NV16899)	NV27134	NO	✓
2	INSERT	NV28437	✓	✓
2	PIN	91386	✓	✓
1	M/S WASHER	96638	✓	✓
2	PIN	NV99086	✓	✓



NEW VENTURE - MODEL 4500, SYNCHRO RING KITS



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QTY	DESCRIPTION	QG PART NO.
NV4500 SK-D - DODGE ALL MODELS		
2	MAINSHAFT REV. SYNCHRO RING & COUNTERSHAFT 5TH SYNCHRO RING	NV24024
2	MAINSHAFT 1ST/2ND SYNCHRO RING (OUTER)	NV17284
2	MAINSHAFT 1ST/2ND SYNCHRO RING (CENTER)	NV17078
2	MAINSHAFT 1ST/2ND SYNCHRO RING (INNER)	NV17084
2	MAINSHAFT 3RD/4TH SYNCHRO RING	NV24025
NV4500 SK-GM - GM ALL MODELS		
1	COUNTERSHAFT 5TH SYNCHRO RING	NV24024
2	MAINSHAFT 1ST/2ND SYNCHRO RING (OUTER)	NV17284
2	MAINSHAFT 1ST/2ND SYNCHRO RING (CENTER)	NV17078
2	MAINSHAFT 1ST/2ND SYNCHRO RING (INNER)	NV17084
2	MAINSHAFT 3RD/4TH SYNCHRO RING	NV24025