

**Assy Tree for: M37**

Printed 12/27/2006

**M37**

Truck, Cargo  
3/4t 4x4

Type	CAT	NSN
Revision		Serial #
Status	U	Bumper #
Date	11/5/2006	Reference #
By	G741.ORG	User5

Item	Qty	P/N	Title	Detail	Ref(m)
Top		M37	Truck, Cargo	3/4t 4x4	
1	1	M37 GROUP 01	Engine		
1	1	M37 0100	Engine assembly	Engine installation hardware	
1	1	2805-621-5566	BRACKET		lifting
2	2	5305-364-2725	BOLT, MACHINE		lifting bracket
3	1	5340-597-6192	MOUNT, RESILENT		front support
4	4	5310-407-9566	W ASHER, LOCK		front support
5	4	5310-880-7746	NUT, PLAIN HEXAGON		front support
6	2	5310-809-5988	W ASHER, FLAT		rear support
7	2	5310-842-1490	NUT, CASTELLATED		rear support
8	2	5315-011-9120	PIN, COTTER		rear support
9	2	2805-737-3658	SPACER		rear support cushion
10	2	2805-737-3655	INSULATOR, VIBRATION		rear support
11	2	5330-737-3654	WASHER, NON-METALLIC		rear support
12	2	5310-044-6494	WASHER, FLAT		rear support
13	2	5305-941-3572	SCREW, CAP		rear support
14	2	5305-761-4227	SCREW, CAP		front support
15	2	5310-809-3079	WASHER, FLAT		front support
16	2	5310-584-7890	WASHER, LOCK		front support
17	2	5310-732-0560	NUT, HEXAGON		air cleaner elbow bracket
2	1	M37 0101	Cylinder block and head	installation hardware	

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Item	Qty	P/N	Title	Detail	Ref(m)
1	18	5305-364-2725	BOLT, MACHINE		cylinder head
2	1	2805-737-4761	HEAD CYLINDER ASSEMBLY		
3	1	5310-358-3789	WASHER, LOCK		head hole plug
4	1	5305-269-3206	SCREW, CAP		head hole plug
5	1	5340-054-1401	PLUG, EXPANSION		head hole core
6	3	4730-018-9566	PLUG, PIPE		timing hole (1), oil hole (1)
7	1	4730-288-5176	PLUG, PIPE		heater hole plug
8	1	5310-364-2728	WASHER, LOCK		heater hole plug
9	1	2805-353-7911	GASKET CYLINDER HEAD		cylinder head (part of 2805-700-5407 & 2805-700-5408)
10	1	4730-196-1972	NIPPLE		drain cock
11	1	4730-289-0587-B	COUPLING, PIPE		drain cock
12	5	5340-054-1408	PLUG, EXPANSION		block core hole
13	1	4820-849-1220	COCK, DRAIN		cylinder block
14	3	5305-366-6392	SCREW, TAPPED HEAD		cylinder assembly
3	1	M37 0105	Valves	Valve cover hardware	
1	1	2805-353-8084	COVER		valve compartment
2	1	5305-362-1247	SCREW		valve cover
3	1	2805-173-0111	GASKET SET		valve compartment cover
1	2	2805-173-1709	GASKET VALVE COMPARTMENT COVER		
2	1	2805-353-7911	GASKET CYLINDER HEAD		
3	1	2805-741-0868	GASKET MANIFOLD		
4	4	2805-741-0870	GASKET MANIFOLD		
5	4	5330-530-2747	GASKET VALVE COVER SCREW		
6	1	5330-530-2589	GASKET MANIFOLD		

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7	1	2990-705-6237	GASKET EXHAUST PIPE		
8	1	2930-770-2588	GASKET WATER ELBOW		
9	1	2930-215-3867	GASKET BY PASS ELBOW		
4	1	M37 0106	Engine lubrication system	installtion hardwre and components	
0	1	5310-209-0787	WASHER, LOCK		heat control valve
0	1	2805-770-5787	KIT	oil pressure relief valve	oil pressure relief valve
1	1	5330-362-3076	GASKET		oil pressure relief valve
2	1	2805-254-1362	SPRING		oil pressure relief valve
0	1	2805-254-1362	SPRING		
0	1	5330-362-3076	GASKET		
0	1	5310-732-0559	NUT, HEXAGON		manifold stud
0	1	5310-655-9781	NUT HEX		heat control valve
0	1	5307-206-3194	STUD, HEAT TREATED		engine manifold
0	1	2805-308-8663	MANIFOLD		intake
0	1	5365-832-7903	PLUG		oil pan drain
0	1	5305-366-6418	SCREW		oil pan
0	1	5330-834-2912	GASKET		drain plug oil pan
0	1	4730-042-8988	PLUG PIPE		intake manifold
1	1	2940-202-9653	FILTER FLUID PRESSURE ASSEMBLY: without element		
2	1	5306-298-7836	BOLT, SHOULDER		cover
3	1	5310-262-3000	GASKET: cover bolt		
4	1	2940-141-9025	FILTER ELEMENT FLUID PRESSURE: with gasket		
5	1	4730-277-8273	ELBOW		

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Item	Qty	P/N	Title	Detail	Ref(m)
6	1	4730-012-7951	PLUG, DRAIN		oil filter
7	1	2805-732-0632	LINE		flexible oil filter inlet and outlet
8	1	2940-732-4214	CLAMP, MOUNTING		oil filter
9	1	5305-988-1730	SCREW, MACHINE		filter clamp
10	1	5310-637-9541	WASHER, LOCK		
11	1	5310-761-6882	NUT, PLAIN HEXAGON		filter clamp
12	1	4730-540-2612	ADAPTER		straight pipe
13	1	4710-454-3483	LINE		oil filter outlet lower assembly
14	1	2805-362-8576	PLUG, MACHINE THREAD		relief valve
15	1	2805-741-0932	PLUNGER		relief valve
16	1	2530-173-0372	TUBE ASSEMBLY		oil filter inlet lower
17	1	2805-732-0592	GAGE, OIL LEVEL		with cap
18	1	2805-737-3686	GASKET, OIL LEVEL		gage cap
19	1	2805-732-0613	PIPE		oil level gage
20	1	2805-732-0611	CAP		oil filler
21	1	2805-741-3010	GASKET		oil filler cap
22	1	2805-732-0616	PIPE		oil filter
23	1	5310-880-7746	NUT, PLAIN HEXAGON		
24	1	5310-407-9566	W ASHER, LOCK		
25	1	5307-011-3240	STUD: oil filler pipe		oil filler pipe
26	1	5330.737-8241	GASKET: oil filler pipe to cylinder block		oil filler pipe to cylinder block
27	1	4730-278-0190	ELBOW: filler pipe vent line		filler pipe vent line
28	1	2805-653-7333	LINE: vent oil filler pipe to air cleaner		vent oil filler pipe to air cleaner
29	1	4730-289-0587	COUPLING PIPE: filler pipe vent line to air cleaner elbow		filler pipe vent line to air cleaner elbow

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Item	Qty	P/N	Title	Detail	Ref(m)
30	1	0000-00-0001	NIPPLE: oil filler vent to air cleaner elbow		oil filler vent to air cleaner elbow
31	1	4730-670-0515	NIPPLE: crankcase vent metering valve to manifold		crankcase vent metering valve to manifold
32	1	5310-809-5998	WASHER, PLAIN		air cleaner elbow bracket
33	1	5310-584-5272	WASHER, LOCK		air cleaner elbow bracket
34	1	5310-732-0560	NUT, HEXAGON		
35	1	4730-278-4694	ELBOW: crankcase vent metering valve to manifold		crankcase vent metering valve to manifold
36	1	5310-515-2381	CLAMP: crankcase vent metering valve		crankcase vent metering valve
37	1	5305-438-0639	SCREW CAP: valve clamp		valve clamp
38	1	2805-423-2797	VALVE METERING: crankcase vent. without fitting		crankcase vent. without fitting
39	1	5310-768-0319	NUT HEXAGON: valve clamp		valve clamp
40	1	2805-520-8375	TUBE ASSEMBLY: metal (crankcase vent assembly)		metal (crankcase vent assembly)
41	1	4730-277-8732	ADAPTER STR.AIGHT PIPE: crankcase vent line		crankcase vent line
42	1	5305-225-8509	SCREW CAP: crankcase vent fitting		crankcase vent fitting
43	1	5310-584-7762	WASHER, PLAIN		crankcase vent fitting
44	1	5330-530-2747	GASKET VALVE COVER SCREW		
45	1	2805-423-2796	FITTING: crankcase vent line to cylinder block		crankcase vent line to cylinder block
46	1	5330-362-1422	GASKET: crankcase vent line to cylinder block fitting		crankcase vent line to cylinder block fitting
5	1	M37 0108	Manifolds		
0	1	5310-809-4056	WASHER, PLAIN		heat control valve
0	1	5307-010-3203	STUD, PLAIN		engine manifold
0	1	5306-638-8394	BOLT MACHINE		intake to exhaust manifold
0	1	5310-737-8249	NUT HEX		manifold stud
0	1	5310-741-0871	WASHER, FLAT		manifold stud

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0	1	5320-735-1195	WASHER, RECESSED		manifold stud
0	1	5307-423-5429	STUD, HEAT TREATED		engine manifold
0	2	2990-705-6237	GASKET EXHAUST PIPE		flange exhaust pipe 0
0	1	2805-040-1312	MANIFOLD EXHAUST		with heat control valve assembly
0	1	2805-741-0947	GASKET SET		intake and exhaust manifold
1	4	2805-741-0870	GASKET MANIFOLD		
2	1	2805-741-0868	GASKET MANIFOLD		
3	1	5330-530-2589	GASKET MANIFOLD		
4	1	2990-705-6237	GASKET EXHAUST PIPE		
0	1	2805-741-0870	GASKET MANIFOLD		
0	1	5330-530-2589	GASKET MANIFOLD		
0	1	2805-741-0868	GASKET MANIFOLD		
2	1	M37 GROUP 02	Clutch		
1	1	M37 0200	Clutch assembly		
0	14	5310-637-9541	WASHER, LOCK		clutch housing(6), pressure plate (6), housing plate (2)
0	6	5310-637-9541-A	WASHER, LOCK		pressure plate
0	2	5310-407-9566	W ASHER, LOCK		housing plate
0	8	5306-225-8496	SCREW CAP		housing plate and pan
0	1	2520-832-1902	PAN ASSEMBLY CLUTCH HOUSING		with plug
0	1	4730-888-8665	PLUG MACHINE THREAD		housing pan drain
0	1	2520-040-1939	GASKET		housing pan
2	1	M37 0202	Clutch release mechanism		
3	1	M37 GROUP 03	Fuel System		
1	1	M37 0301	Carburetor		

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Item	Qty	P/N	Title	Detail	Ref(m)
4	1	M37 GROUP 33	Special Purpose Kits		
4	1	M37 3301	Reusable Shipping Containers		
1	1	8115-333-1589	CONTAINER ASSEMBLY: engine		
5	1	M37 3303	Winterization kits		
1	1	2540-301-7266	WINTERIZATION KIT: hot water personnel heater		
1	2	5305-068-0500	BOLT MACHINE		
2	4	5305-225-8497	BOLT MACHINE		
3	2	5305-068-0502	BOLT MACHINE		
4	2	5305-984-6196	BOLT MACHINE		
5	4	5305-889-3002	BOLT MACHINE		
6	1	2540-027-2068	BRACKET		
7	1	2590-901-8126	CABLE		
8	1	2590-785-9090	CABLE		
9	1	2590-981-2761	CABLE		
10	1	2590-981-2762	CABLE		
11	1	2590-777-6762	CABLE		
12	1	5340-738-5176	CLAMP		
13	2	4730-753-7473	CLAMP		
14	3	5305-989-7434	SCREW		
15	2	4730-277-5361	SLEEVE		
16	1	4720-770-0283	TUBE		
17	1	2990-213-1279	VALVE FUEL CONTROL		
18	1	2540-216-6199	VALVE SAFETY		
19	3	5305-080-0978	WASHER LOCK		

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Item	Qty	P/N	Title	Detail	Ref(m)
20	1	7387273	Defroster: windshield set		
1	2	4730-753-7473	CLAMP		
2	1	2590-711-5824	CABLE		
3	1	2540-738-7274	COVER RADIATOR: winter front set		
4	2	2540-771-7066	SPRING		
2	1	2540-570-1369	WINTERIZATION KIT: fuel burning personnel heater		