



PARTS LIST

COVERING "850" MODELS AFTER ENGINE NUMBER 307311

850 COMMANDO

TO LOCATE THE PART REQUIRED

Identify from the illustration the group in which the required component appears. Having located the page, the individual component is keyed from the illustration to the text.

SPECIAL NOTE

When ordering coloured parts, always quote the colour required as well as using the part number suffix. The suffix numbers **do not** indicate the colour in many instances.

ALWAYS QUOTE THE ENGINE NUMBER

This Parts List is complete for the MK2 and MK2A machines. The booklet is designed so that each page can be removed and inserted in the correct section of the previous Norton Commando 850 Parts List (Publication Number 065034) for references to part changes and interchangeability between models. Figure numbers relate to existing plates.

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PISTON AND RING PACKS

063838	Piston complete - left hand STD	1
	Piston complete - right hand STD	1
064040	Piston complete - left hand + .010 in.	..	..	..	..	..	..	..	..	1
	Piston complete - right hand + .010 in.	..	..	..	..	..	..	..	..	1
064041	Piston complete - left hand + .020 in.	..	..	..	..	..	..	..	..	1
	Piston complete - right hand + .020 in.	..	..	..	..	..	..	..	..	1
R26640K	Piston Ring Pack - STD	..	..	..	..	..	..	..	..	2
R26640K/10	Piston Ring Pack - + .010 in.	..	..	..	..	..	..	..	..	2
R26640K/20	Piston Ring Pack - + .020 in.	..	..	..	..	..	..	..	..	2
*Ring Packs comprise:										2
1 Piston ring top (chrome)										
1 Piston ring (plain)										
1 Piston ring "SE" scraper										

CONNECTING ROD SHELLS

064285	Connecting Rod Bearing Shell Set	Standard	..	..	..	..	..	..	..
064286	Connecting Rod Bearing Shell Set	.010 in.	..	..	..	..	..	..	..
064287	Connecting Rod Bearing Shell Set	.020 in.	..	..	..	..	..	..	..
064288	Connecting Rod Bearing Shell Set	.030 in.	..	..	..	..	..	..	..
064289	Connecting Red Bearing Shell Set	.040 in.	..	..	..	..	..	..	..

VALVE GUIDES

065024	Valve Guide Exhaust	(Standard)	..	..	..	..	..	..	..	2
065025	Valve Guide Exhaust	(+ .002 in.)	..	..	..	..	..	..	..	2
065026	Valve Guide Exhaust	(+ .015 in.)	..	..	..	..	..	..	..	2
065027	Valve Guide Inlet	(Standard)	..	..	..	..	..	..	..	2
065028	Valve Guide Inlet	(+ .002 in.)	..	..	..	..	..	..	..	2
065029	Valve Guide Inlet	(+ .015 in.)	2

GASKET SETS

065030	Gasket Set - overhaul 850	
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SERVICE SHOP TOOLS

064622	Strap Wrench	
064297	Engine Sprocket/Clutch Hub/Cam Sprocket Puller	
060949	Auto Advance Lockwasher	..	..	..	..	..	..	..	..
063971	Isolastic Buffer Assembly Tool	..	..	..	..	..	..	..	..
061015	Clutch Lock Tool	..	..	..	..	..	..	..	..
060999	Clutch Spring Compression Tool	..	..	..	..	..	..	..	..
064298	Slide Hammer-Rocker Spindle/Auto Advance	..	..	..	..	..	..	..	..
063968	Exhaust Pipe Lockring Spanner	..	..	..	..	..	..	..	..
061359	Camshaft Oil Seal Tool	..	..	..	..	..	..	..	..
NM12093	Box Spanner Gearbox Sprocket Nut/Crankcase Filter	..	..	..	..	..	..	..	..
ET2003	Timing Pinion Extractor	..	..	..	..	..	..	..	..
063964	Valve Guide Extractor and Insertter	..	..	..	..	..	..	..	..
063965	Peg Spanner Wheel Bearing Lockring/Master Cylinder End Plug	..	..	..	..	..	..	..	..
064292	Drift and Handle Set - Crankshaft/Contact Breaker Oil Seals..	..	..	..	..	..	..	..	..
063969	Valve Seat Face Cutter	..	..	..	..	..	..	..	..
063970	Extractor Main Bearing Race	..	..	..	..	..	..	..	..

MISCELLANEOUS

064208	Plastic Gasket Kit	..	..	..	..	..	..	..	..
064209	Loctite Nut Lock Adhesive Kit	..	..	..	..	..	..	..	..

MAJOR ASSEMBLIES

065103	Gearbox less final drive sprocket	..	..	..	..	..	..	..	..
065022	Engine	..	..	..	..	..	..	..	..
065023	Power Unit (Engine/Gearbox/Transmission)	..	..	..	..	..	..	..	..

Engine: Crankshaft, Connecting Rods, Pistons, Camshaft, Timing Gear

Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	NM.25369	Connecting Rod with Cap	2	.....	.....
2	NM.23254	Connecting Rod Bolt	4	.....	.....
3	NM.23253	Connecting Rod Self Locking Nut	4	.....	.....
4	064285	*† Big End Shell Set, Std.	2	.....	.....
5	064254	Crankshaft Assembled,	1	.....	.....
10	NMT2105	Dowel	1	.....	.....
11	NM.2032	Nut Retaining Plate	2	.....	.....
12	064184	Crankshaft Stud	4	.....	.....
13	064160	Crankshaft Stud Nut	8	.....	.....
14	064185	Crankshaft Stud	2	.....	.....
15	064189	Crankshaft Stud Nut	4	.....	.....
16	NME4591	Crankshaft Oilway Screw	1	.....	.....
17	NMT2035	Timing Pinion	1	.....	.....
18	000572	Timing Pinion Key	1	.....	.....
19	NMT.2007	Timing Pinion Back Plate	1	.....	.....
20	NM.24732	Timing Pinion Nut (oil pump worm)	1	.....	.....
21	061084	Camshaft	1	.....	.....
22	061086	Camshaft Thrust Washer	1	.....	.....
23	061077	Intermediate Gear c/w Bush	1	.....	.....
24	061079	Intermediate Gear Bush	1	.....	.....
25	061078	Intermediate Gear Shaft	1	.....	.....
26	NM.17823	Intermediate Gear Shaft Circlip	1	.....	.....
27	061080	Camshaft Sprocket	1	.....	.....
28	000572	Camshaft Sprocket Key	1	.....	.....
29	NM.20732	Camshaft Sprocket Nut	1	.....	.....
30	NM.17806	Camshaft Chain	1	.....	.....
31	064647	Tensioner Slipper	1	.....	.....
32	NMT2218	Tensioner Backing Plate, Thin	1	.....	.....
33	NMT2218A	Tensioner Backing Plate, Thick	1	.....	.....
34	062665	Tensioner Stud	2	.....	.....
35	NM.18202	Tensioner Stud Washer	2	.....	.....
36	062692	Tensioner Stud Nut	2	.....	.....
39	063838	*Piston complete,	2	.....	.....
41	R26640K	*†Piston Ring Set, Std.,	2	.....	.....
42	063642	Wrist Pin,	2	.....	.....
44	NM.23276	Circlip	2	.....	.....
45	NMT2008	Sealing Washer, timing side bearing	1	.....	.....

*For oversizes/undersizes. Refer preface

†Available only in sets. Refer preface

Engine: Cylinder, Cylinder Head

Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	065074	Cylinder	1	.....	.....
3	065051	Cylinder Head Gasket (eyeletted)	1	.....	.....
5	065507	Cylinder Head	1	.....	.....
7	NMT2252	Rocker Cover Stud - Front	4	.....	.....
8	NM18033	Rocker Cover Stud - Rear	1	.....	.....
9	000579	Rocker Cover Dowel	1	.....	.....
10	NM18093A	Rocker Cover Front	2	.....	.....
11	NMT2088	Rocker Cover Gasket - Front	2	.....	.....
12	NMT2085	Rocker Cover Nut - Front	4	.....	.....
13	NM18094A	Rocker Cover Rear	1	.....	.....
14	NMT2084	Rocker Cover Gasket - Rear	1	.....	.....
15	NMT2082	Rocker Cover Stud Washer	1	.....	.....
16	NMT2162	Rocker Cover Stud Nut - Rear	1	.....	.....
17	063085	Cylinder Through-Bolt	4	.....	.....
18	064147	Washer	4	.....	.....
19	NMT2161	Cylinder Head/Barrel Stud	2	.....	.....
20	NM24389	Cylinder Head/Barrel Stud	3	.....	.....
21	063192	Cylinder Head/Barrel Stud Nut	2	.....	.....
22	NMT2017	Cylinder Head/Barrel Stud Nut	2	.....	.....
23	NM24250	Cylinder Head/Barrel Stud Nut	1	.....	.....
24	000011	Cylinder Head/Barrel Stud Washer	2	.....	.....
25	060401	Cylinder Head/Barrel Bolt	4	.....	.....
26	NM25313	Cylinder Head/Barrel Bolt Short	1	.....	.....
27	016213	Cylinder Head/Barrel Bolt Washer	5	.....	.....

Valve Gear

Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	065024	Valve Guide Exhaust	2	.....	.....
2	065027	Valve Guide Inlet	2	.....	.....
3	011111	Circlip for Valve Guide	4	.....	.....
4	065115	Valve Exhaust	2	.....	.....
5	064034	Valve Inlet	2	.....	.....
6	061399	Valve Spring Seat	4	.....	.....
7	NM23392	Valve Spring Heat Insulator	4	.....	.....
8	062726	Valve Stem Seal - Inlet only	2	.....	.....
9	NM22839	Valve Spring Inner	4	.....	.....
10	NM22838	Valve Spring Outer	4	.....	.....
11	NMT186	Valve Collar	4	.....	.....
12	NMT187	Split Collet	(pairs) 4	.....	.....
13	NM25515	Inlet Pushrod Complete	2	.....	.....
14	NM25516	Exhaust Pushrod Complete	2	.....	.....
15	NM22771	NM Tappet L.H. |	2	.....	.....
16	NM22772/22771/2	Tappet R.H. |		.....	.....
17	063092	Tappet Locating Plate	2	.....	.....
18	NMT2143	Tappet Locating Plate Screw	4	.....	.....
19	062473	Rocker Inlet L.H. with ball end, less adjuster and nut	1	.....	.....
20	062471	Rocker Inlet R.H. with ball end less adjuster and nut	1	.....	.....
21	062474	Rocker Exhaust L.H. with ball end less adjuster and nut	1	.....	.....
22	062472	Rocker Exhaust R.H. with ball end less adjuster and nut	1	.....	.....
23	NMT2074	Rocker Adjuster	4	.....	.....
24	NMT232	Rocker Adjuster Nut	4	.....	.....
25	NM25350	Rocker Spindle	4	.....	.....
26	NM18102	Rocker Thrust Washer	4	.....	.....
27	NM18103	Rocker Spring Washer	4	.....	.....
28	NMT2240	Rocker Plain Paper Gasket	4	.....	.....
29	NMT2083	Rocker Spindle Joint. Paper Gasket	4	.....	.....
30	NMT2238	Rocker Spindle Lock Plate	4	.....	.....
31	NMT2239	Rocker Spindle Retaining Plate	4	.....	.....
32	063124	Rocker Spindle Retaining Bolt	8	.....	.....
33	063129	Washer (copper)	8	.....	.....

Engine: Contact Breaker, Timing Cover, Oil Pump, Oil Pressure Relief Valve

Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	061073	Timing Cover	1	.....	.....
2	061092	Timing Cover Gasket	1	.....	.....
3	062685	Timing Cover Screw Long	1	.....	.....
4	062686	Timing Cover Screw Medium	7	.....	.....
5	062687	Timing Cover Screw Short	4	.....	.....
6	NME4591	Timing Cover Oilway Plug	1	.....	.....
7	54425160	Contact Breaker Plate Assembly	1	.....	.....
8	60600271	Contact Points Set	2	.....	.....
9	54419220	Contact Breaker Eccentric Screw	2	.....	.....
10	54425656	Auto Advance Mechanism	1	.....	.....
11	54412229	Auto Advance Spring Set	1	.....	.....
12	060720	Contact Breaker Cam Bolt	1	.....	.....
13	NMT2221	Contact Breaker Cam Washer, Plain	1	.....	.....
14	015306	Contact Breaker Cam Washer, Spring	1	.....	.....
15	061281	Contact Breaker Fixing Screw	2	.....	.....
16	029984	Contact Breaker Fixing Screw Washer	2	.....	.....
17	061093	Contact Breaker Lead Seal	1	.....	.....
18	063609	Contact Breaker Oil Seal	1	.....	.....
19	061087	Contact Breaker Cover	1	.....	.....
20	061105	Contact Breaker Cover Screw	2	.....	.....
21	048023	Oil Seal (in timing cover)	1	.....	.....
22	048079	Oil Seal Circlip	1	.....	.....
23	063037	Oil Pump complete	1	.....	.....
24	NM.15512	Oil Pump Cover Screw	4	.....	.....
25	NM.24733	Oil Pump Worm Gear	1	.....	.....
26	062609	Oil Pump Worm Gear Key	1	.....	.....
27	063024	Oil Pump Worm Gear Nut	1	.....	.....
28	NMT272	Feed Bush Sealing Washer	1	.....	.....
29	NMT2059A	Oil Pressure Relief Valve Body	1	.....	.....
30	NMT2054	Oil Pressure Relief Piston	1	.....	.....
31	NMT2061	Oil Pressure Relief Spring	1	.....	.....
32	NM.15404	Oil Pressure Relief Shim	5	.....	.....
33	NMT2058	Oil Pressure Relief Union Washer	1	.....	.....
34	NMT2057	Oil Pressure Relief Union Nut Washer	1	.....	.....
35	NMT2060	Oil Pressure Relief Body Nut	1	.....	.....
36	065052	Rocker Feed Pipe	1	.....	.....
36A	065050	Clip, Rocker Feed Pipe	1	.....	.....
37	NM18101	Banjo Bolt	3	.....	.....
38	NMT1084	Fibre Washer	6	.....	.....
39	062447	Gasket	1

Engine: Crankcases, Filter, Breather, Tachometer Drive

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Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	064045	Crankcase Halves Assembled	1
2	NM.11790	Crankcase Dowel	2	.....	.....
3	062621	Crankcase Dowel	2	.....	.....
4	065428	Camshaft Bush, Timing Side	2	.....	.....
5	065425	Camshaft Bush, Drive Side	1	.....	.....
6	064118	Main Bearing	2	.....	.....
7	NMT2187	Main Bearing Oil Seal	1	.....	.....
8	NMT2196A	Main Bearing Shim	AR	.....	.....
9	063824	Cylinder Stud Stepped	4	.....	.....
10	062639	Cylinder Stud Front	1	.....	.....
11	063857	Cylinder Stud Washer	4	.....	.....
12	NM.24252	Cylinder Stud Washer	1	.....	.....
13	062651	Cylinder Stud Nut	1	.....	.....
14	063825	Cylinder Stud Nut	4	.....	.....
15	062664	Oil Pump Stud	2	.....	.....
16	060348	Oil Pump Stud Nut	2	.....	.....
17	062638	Grub Screw-Oil Stop	1	.....	.....
18	NM.21287	Junction Block Dowel	1	.....	.....
19	062663	Crankcase Bolt, Long	1	.....	.....
20	060348	Crankcase Bolt Nut	1	.....	.....
21	062761	Crankcase Bolt, Short	1	.....	.....
22	30859	Crankcase Bolt Washer	2	.....	.....
23	060348	Crankcase Bolt Nut	1	.....	.....
24	062662	Crankcase Stud Top Front	1	.....	.....
25	NMT2221	Crankcase Stud Washer	1	.....	.....
26	26947	Crankcase Stud Nut	1	.....	.....
27	064157	Crankcase Stud Top, Rear	1	.....	.....
28	016213	Crankcase Stud Washer	1	.....	.....
29	060029	Crankcase Stud Nut	1	.....	.....
30	062685	Crankcase Screw, T.S. to D.S. at sump	2	.....	.....
31	064188	Sump Plug, Magnetic	1	.....	.....
32	062624	Sump Plug Washer	1	.....	.....
33	065201	Gear Tachometer	1	.....	.....
34	062670	Screw	2	.....	.....
35	065203	'O' Ring	1	.....	.....
36	065200	Housing	1	.....	.....
37	063056	Gasket, Tachometer Housing	1	.....	.....
38	064200	Breather Tube	1	.....	.....
39	NM16945	Sump Filter Body	1	.....	.....
40	NM16946	Filter Gauze	1	.....	.....
41	NM16947	Filter Washer	1	.....	.....
42	NM16948	Circlip	1	.....	.....
43	NM16949	Filter Body Washer	1	.....	.....

Gearbox: Shell, Gear Cluster, Mounting Bolts, Adjuster and Countershaft Sprockets

Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	064126	Gearbox Shell with Bushes and Studs	1	.....	.....
2	040138	Drain Bolt	1	.....	.....
3	000200	Drain Bolt Washer	1	.....	.....
4	040056	Bush, Quadrant and Cam Spindle	2	.....	.....
5	040064	Stud for Inner Case	2	.....	.....
6	000271	Stud for Inner Case	5	.....	.....
7	000577	Dowel	2	.....	.....
8	040098	Sleeve Gear Bearing	1	.....	.....
9	040132	Sleeve Gear Bearing Oil Seal	1	.....	.....
10	040100	Layshaft Bearing	1	.....	.....
11	060384	Mainshaft	1	.....	.....
12	040026	Mainshaft 1st Gear	1	.....	.....
13	064640	Mainshaft 2nd Gear	1	.....	.....
14	040048	Mainshaft 2nd Gear Bush	1	.....	.....
15	040635	Mainshaft 3rd Gear	1	.....	.....
16	064991	Sleeve Gear c/w Bushes	1	.....	.....
17	040062	Sleeve Gear Bush	2	.....	.....
18	040025	Layshaft	1	.....	.....
19	040115	Layshaft 1st Gear with Bush	1	.....	.....
20	040046	Layshaft 1st Gear Bush	1	.....	.....
21	064639	Layshaft 2nd Gear	1	.....	.....
22	040634	Layshaft 3rd Gear	1	.....	.....
23	040047	Layshaft 3rd Gear Bush	1	.....	.....
24	061058	Layshaft 4th Gear	1	.....	.....
25	040129	'O' Ring	2	.....	.....
26	040136	Spindle Bolt	2	.....	.....
27	000174	Spindle Bolt Washer	2	.....	.....
28	040480	Countershaft Sprocket (19T)	Available	.....	.....
28	060931	Countershaft Sprocket (20T)	Available	.....	.....
28	060721	Countershaft Sprocket (21T)	Available	.....	.....
28	060759	Countershaft Sprocket (22T)	Available	.....	.....
28	063420	Countershaft Sprocket (23T)	Available	.....	.....
28	063421	Countershaft Sprocket (24T)	Available	.....	.....
29	040131	Countershaft Sprocket Spacer	1	.....	.....
30	040070	Countershaft Sprocket Nut	1	.....	.....
31	040076	Countershaft Sprocket Nut Lock Washer	1	.....	.....
32	000450	Countershaft Sprocket Nut Lock Screw	1	.....	.....
33	062653	Gearbox Top Bolt	1	.....	.....
34	030023	Gearbox Top Bolt Spacer	1	.....	.....
35	062656	Gearbox Top Bolt Nut	1	.....	.....
36	060597	Gearbox Pivot Stud	1	.....	.....
37	000008	Gearbox Pivot Stud Washer	2	.....	.....
38	060625	Gearbox Pivot Stud Nut	2	.....	.....
39	062654	Gearbox Adjuster	1	.....	.....
40	062657	Gearbox Adjuster Crosshead	1	.....	.....
41	000010	Gearbox Adjuster Crosshead Washer	1	.....	.....
42	060029	Gearbox Adjuster Crosshead Nut	1	.....	.....
43	060651	Gearbox Adjuster Nut	2
—	064989	Sleeve Gear Circlip	1

Gearbox: Inner Cover

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Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	040035	Selector Fork Spindle	1
2	040022	Selector Fork	2	.....	.....
3	040111	Ratchet Plate Assembled	1	.....	.....
4	040038	Ratchet Spring	1	.....	.....
5	040078	Knuckle Pin Roller	1	.....	.....
6	040079	Ratchet Spindle 'O' Ring	1	.....	.....
7	040109	Quadrant	1	.....	.....
8	040024	Gearshift Pawl	1	.....	.....
9	040049	Gearshift Pawl Circlip	1	.....	.....
10	040110	Pawl Carrier Assembled	1	.....	.....
11	040067	Pawl Pivot Pin	1	.....	.....
12	040135	Spring Washer	1	.....	.....
13	040108	Camplate	1	.....	.....
14	040034	Cam Plunger	1	.....	.....
15	040442	Plunger Spring	1	.....	.....
16	040036	Plunger Spring Bolt	1	.....	.....
17	040477	Kickstart Shaft with Bush	1	.....	.....
18	040032	Bush, Shaft	1	.....	.....
19	040473	Bush, Cover	1	.....	.....
20	062015	Kickstart Pawl	1	.....	.....
21	040033	Kickstart Pawl Pin	1	.....	.....
22	040069	Kickstart Pawl Plunger	1	.....	.....
23	040044	Kickstart Pawl Spring	1	.....	.....
24	065163	Gearbox Inner Cover Ass.	1	.....	.....
25	040061	Gear Shift Inner Bush	1	.....	.....
26	040023	Mainshaft Nut	1	.....	.....
27	040099	Mainshaft Bearing	1	.....	.....
28	000004	Gearbox Inner Cover Stud Nut	7	.....	.....
29	040030	Gasket, Inner Cover to Shell	1	.....	.....
30	040055	Gasket, Inner Cover to Outer Cover	1	.....	.....
31	040084	Clutch Pushrod	1	.....	.....
32	040031	Clutch Operating Ball	1
-	065199	Breather Tube	1

Gearbox: Outer Cover

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Plate No.	Part No.	Description	Qty.	Bin No.	Price
1	060740	Gearbox Outer Cover	1
2	040063	Gear Shift Bush Outer	1	.....	.....
3	040472	Kickstart Bush Outer	1	.....	.....
4	000482	Outer Cover Screw	5	.....	.....
5	040005	Kickstart Shaft 'O' Ring	1	.....	.....
6	040475	Kickstart Return Spring	1	.....	.....
7	064049	Gearshift Stop Plate	1	.....	.....
8	041400	Gearshift Stop Plate Bolt	2	.....	.....
9	014117	Gearshift Stop Plate Washer	2	.....	.....
10	040479	Gearshift Return Spring	1	.....	.....
11	061499	Gearshift Lever, chrome (including rubber)	1	.....	.....
12	040105	Gearshift Lever Bolt	1	.....	.....
13	000005	Gearshift Lever Nut	1	.....	.....
14	045062	Gearshift Lever Washer	1	.....	.....
15	040086	Gearshift Lever Rubber	1	.....	.....
16	000577	Dowel, Outer to Inner Cover	2	.....	.....
17	040051	Gearshift Indicator	1	.....	.....
18	040137	Gearshift Indicator Bolt	1	.....	.....
19	000012	Gearshift Indicator Bolt Washer	1	.....	.....
20	041104	Inspection Cover (with breather hole)	1	.....	.....
20A	065517	Inspection Cover (without breather hole)	1	.....	.....
21	040057	Inspection Cover Gasket	1	.....	.....
22	000450	Inspection Cover Screw	2	.....	.....
23	040137	Oil Level Bolt	1	.....	.....
24	000203	Oil Level Bolt Washer	1	.....	.....
25	061464	Kickstart Crank Complete	1	.....	.....
25A	064249	Kickstart Complete	1	MK2A	.....
26	061055	Kickstart Crank only	1	.....	.....
26A	064162	Kickstart Crank only	1	MK2A	.....
27	060599	Kickstart Pinch Bolt	1	.....	.....
28	033218	Kickstart Rubber	1	.....	.....
29	060550	Domed Nut	1	.....	.....
30	000010	Plain Washer	1	.....	.....
31	042934	Pin	1	.....	.....
32	040433	Spring Washer	1	.....	.....
33	060715	Clutch Operating Lever	1	.....	.....
34	040059	Clutch Operating Lever Body	1	.....	.....
35	040003	Clutch Operating Lever Body Lockring	1	.....	.....
36	040060	Clutch Operating Roller	1	.....	.....
37	040065	Clutch Operating Roller Sleeve	1	.....	.....
38	000457	Clutch Operating Roller Screw	1	.....	.....
39	011846	Clutch Operating Roller Screw Nut	1	.....	.....
40	040006	'O' Ring Pawl Carrier	1	.....	.....