



SHORT BLOCK MOTORS  
AVAILABLE AS cylinder,  
piston, con rod, crankshaft,  
crankcase assembly at  
special low prices.  
P/N 43164

EARLY MODEL  
ONLY SUBSTITUTE  
PARTS AVAILABLE

**PLEASE NOTE**  
MANY RYOBI MTD PARTS NO LONGER AVAILABLE  
including starter covers (Key 36) petrol tank (Key 18).  
Other parts, coils and carburetors are either not  
available or very expensive.

**ATOM A31-2 ENGINE BREAKDOWN**

ATOM PRODUCT: MTD ENGINE/RYOBI 31cc A31-2

REF NO: 760-1

Key	Part No	Substitute Part No	NLA	Description	Key	Part No	Substitute Part No	NLA	Description
1	43301			MTD COVER CARBY 104	31	43358			ASSY PULLEY RET
2	43302			MTD AIR FILTER ELEMENT	32	43362		X	FUEL TANK GUARD
3	43304			MTD SCREW CARBY MOUNT	33	43364			HANDLE PULL
4	43306			MTDWASHER WAVEY	34	43366			ROPE STARTER
5	43308			MTD CHOKE LEVER & PLATE	35	43400			HOUSING SCREW
8	43310		X	(NLA) CARBY(ZAMA) FOR A31-2	36	43368		X	ASSY STARTER HOUSING
9	43314			MTD GASKET CARBY	37	43123			WASHER CLUTCH
10	43317			ASSY CARBY MOUNT SCREW	38	43119			CLUTCH 101,103,104,410,415
11	43316	64891		FUEL LINE FILTER&PRIMER	39	43370		X	IGNITION COIL
12	43318			ASSY CARBY MOUNT	40	43372			WIRE LEAD
13	43320	43318		ASSY CARBY MOUNT	41	43374			SPARK PLUG
14	43322	43326		CRANKSHAFT with C/SHAFT	42	43376		X	GASKET EXHAUST
15	43324		X	CARB MOUNT GASKET	43	43381			ASSY MUFFLER (104, 410)
16	43326			CRANKCASE WITH C/SHAFT	44	43378			BOLT MUFFLER 50mm (2 P)
17	43338			PAD REAR MOUNTING	45	43382	43407		MTD ASSY SHORT MOTOR
18	43336		X	ASSY FUEL TANK	46	43384	43407		MTD ASSY SHORT MOTOR
19	43342			ASSY FUEL CAP	47	43386		X	CYLINDER GASKET
20	43340	64884		FUEL LINE & FILTER	48	43383			CYLINDER BOLT 12.5mm
21	43344	64884		FUEL LINE & FILTER	49	43117	43119		MTD CLUTCH 101-104 410/415
22	43334			PAD FRONT MOUNTING	50	43394		X	PISTON RING 1.56mm w/PISTON
23	43346			SHROUD	51	43398			FLYWHEEL KEY (SUIT 43350)
24	43345			SHROUD SCREW	52	43400			HOUSING SCREW
25	43349			SHROUD EXTENSION	53	43330		X	SEAL OIL
26	43350			FLYWHEEL NARROW KEY					
27	43352		X	SPACER					
28	43354		X	ASSY RECOIL PULLEY					
29	43356			SPRING RECOIL					
30	43360			ROPE GUIDE					