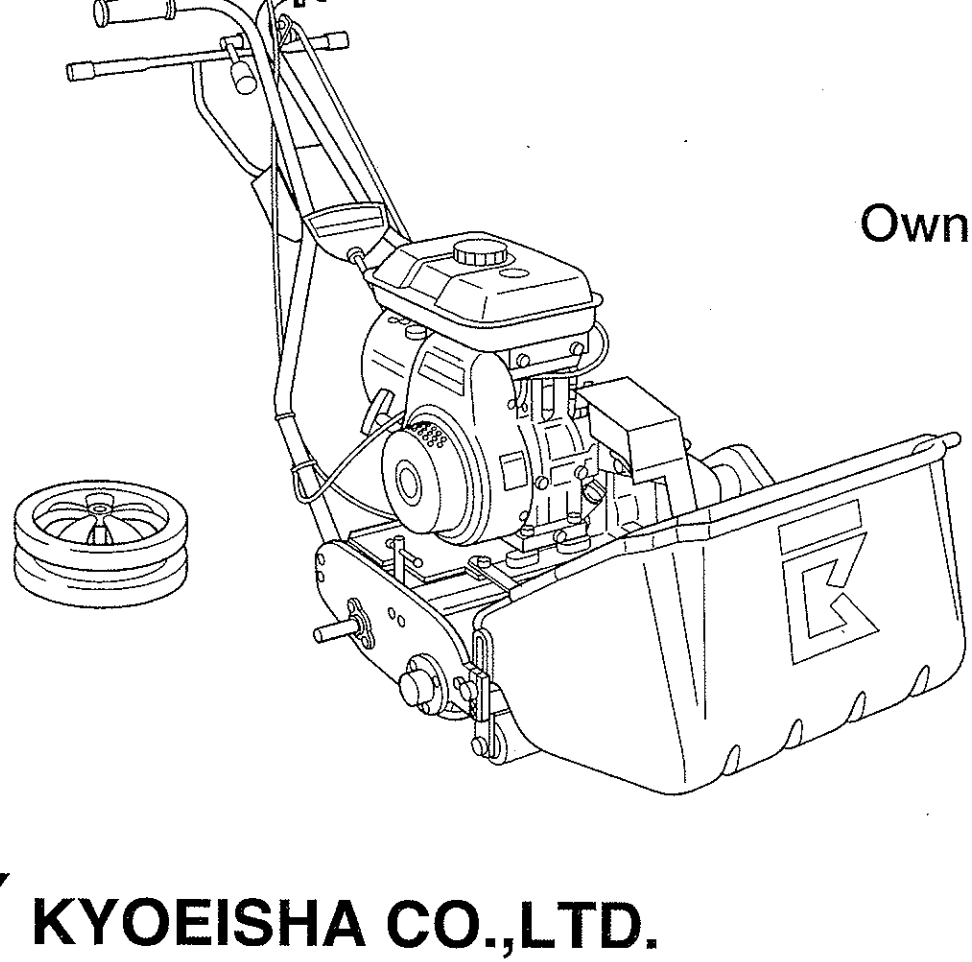
Compact Green Mower

LM45GA

BARONESS

BARONESS LAWN MOWER

'01.4~



Owner's Handling Manual & Parts Catalog
for Saxon 2001 Model LM45GAS

KYOEISHA CO.,LTD.

Read this manual before using the machine

Owner's Operation Manual

Safety Warnings

Warning labels contain information on important safety matters. Please make sure to observe these warnings at all times to ensure safe operation.

Warning Labels

DANGER	Indicates matters for which failure to observe can result in death or serious injury.
WARNING	Indicates matters for which failure to observe has the risk of resulting in death or serious injury.
CAUTION	Indicates matters for which failure to observe has the risk of resulting in injury.

Symbols


Refer to owner's handling manual


Caution mark


Fuel mark


Risk of hands or fingers becoming caught in belt


Risk of burns to hands or fingers due to hot surfaces


Danger mark: Severing of hands


Danger mark Foot cut


Caution mark: Flying objects

Introduction

Thank you for your purchase of the Baroness Compact Green Mower Model LM45GAS. Please read this owner's handling manual and the separately provided engine operation manual prior to use to ensure that this mower is used properly, and to ensure that it is used safety and effectively based on a proper understanding of its performance and capabilities. In addition, please inquire at your nearby dealer regarding any questions you may have or accommodation of malfunctions and so forth. Please make sure to inform the dealer of the model number and machine number when making inquiries.

NOTE

◆The contents of these manuals are subject to change without notice.

CAUTION

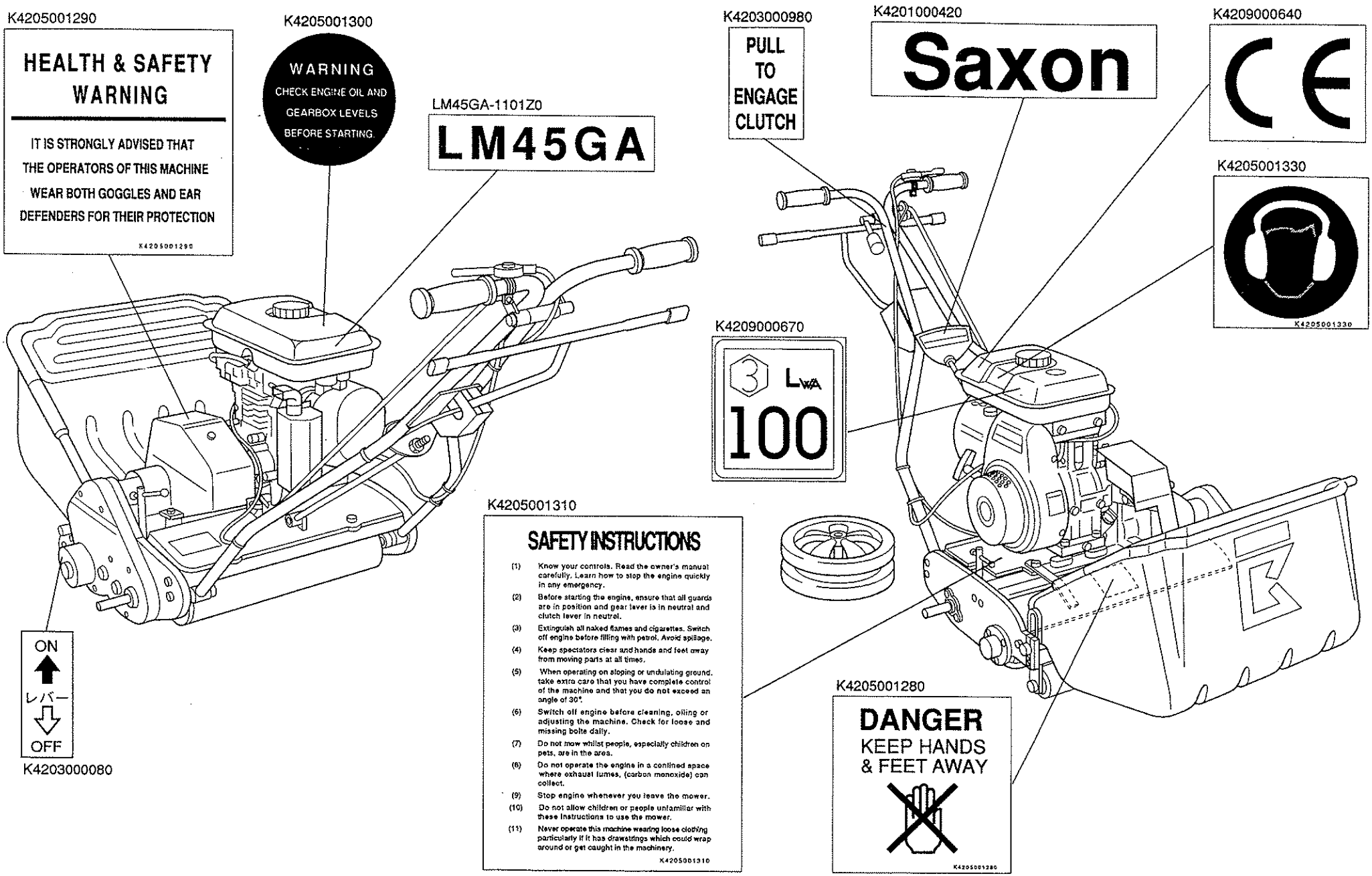
- Since the marks shown in the handling manual and affixed to the mower contain explanations for ensuring safety, please read them carefully and have a proper understanding of their contents.
- Only operate this mower after having a proper understanding of the operating procedure and safety precautions.
- Keep all marks and explanatory statements clean and replace them if they have become lost or damaged.

CONTENTS

Owner's Handling Manual

Parts Catalog

1. Location of Labels



2. Names of Components

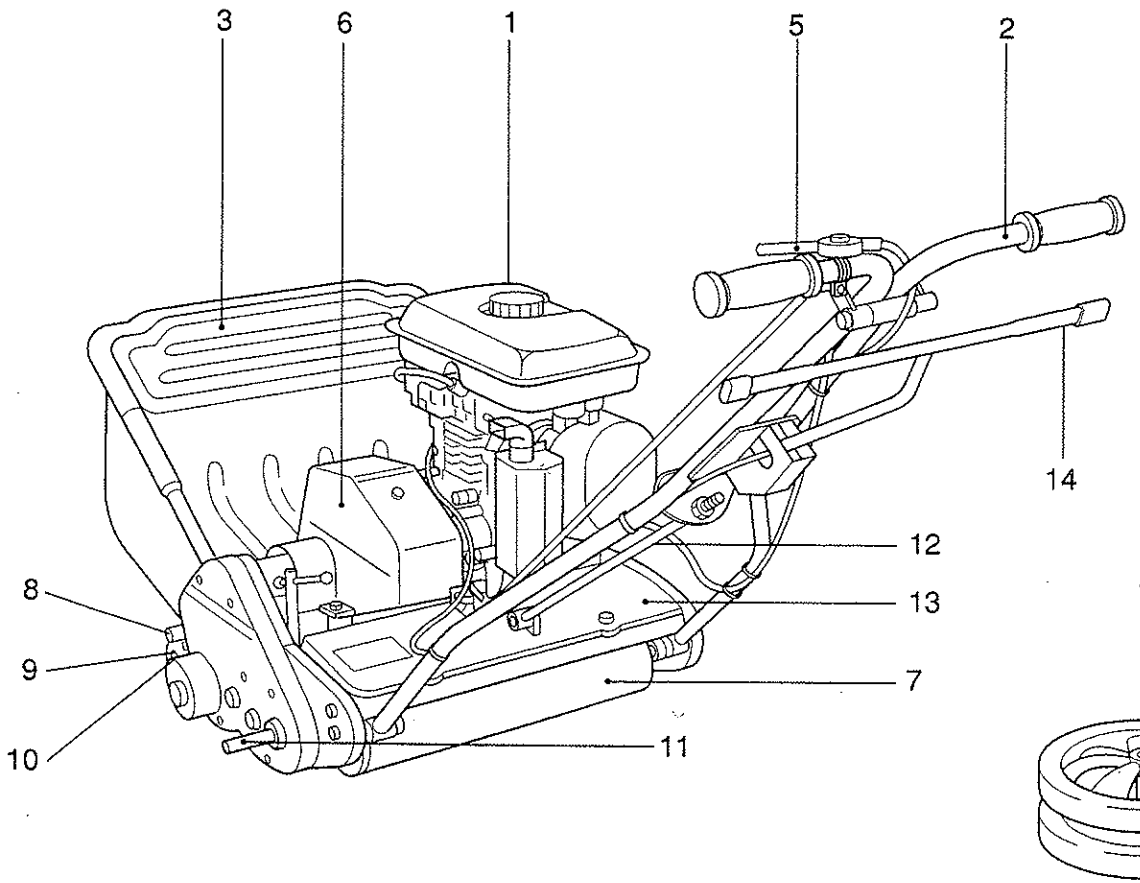


Fig. 2

1	Engine
2	Handle
3	Grass catcher
4	Travel wheel
5	Throttle lever
6	Belt cover
7	Drum wheel
8	Front roller adjustment bracket
9	Front roller
10	Reel clutch
11	Axle
12	Handle vertical adjustment bracket
13	Engine base
14	Engine lever

Table 1

3. Assembly and Adjustment

3-1. Attaching the Handle

Since the handle is packaged separately from the mower, first take out the handle. While making sure not to forget to attach the rubber gaskets and pipes to the handle, adjust the height of the handle to match your height (Fig. 3).

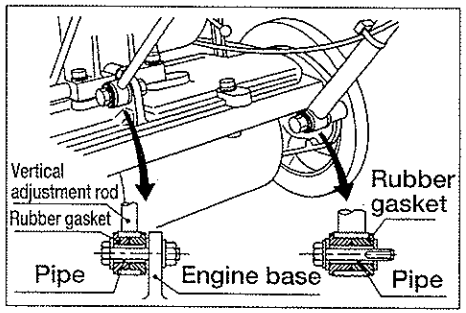


Fig. 3

1) Connecting the Engine Switch Cord

When attaching the handle, connect the engine switch cord. The cord is connected at two locations, one using a plug-in terminal and the other a crimp terminal. Always make sure to connect the engine switch cord since failure to connect this cord will prevent the engine from stopping.

① Plug-in Terminal

Connect the plug-in terminal from the handle to the plug-in terminal protruding from the front of the engine (Fig. 4).

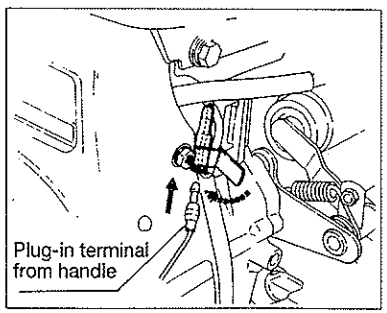


Fig. 4

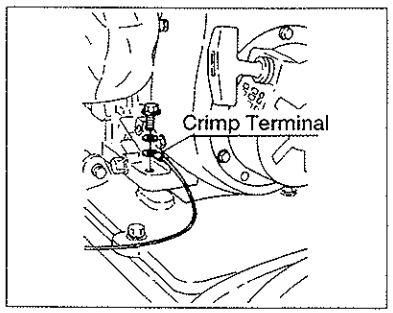


Fig. 5

② Crimp Terminal

Attach the crimp terminal by first loosening the bolt located in the back right corner for mounting the engine, inserting the bolt through the crimp terminal and then tightening the bolt (Fig. 5).

◆ To remove any slack after connecting, clamp the cord with a metal bracket located near the plug-in terminal that has been connected to prevent objects from getting caught on the cord when working (Fig. 4).

3-2. Connecting the Clutch Rod

Next, connect the clutch rod to the clutch (Fig. 6A).

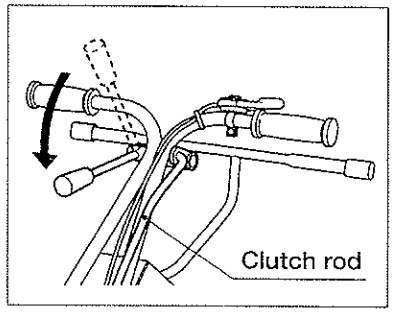


Fig. 6A

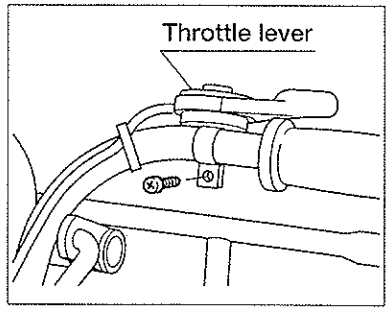


Fig. 7

3-3. Attaching the Throttle Lever

Attach the throttle lever to the handle as shown in Fig. 7.

3-4. Adjustment of Mowing Height

Adjust mowing height. Loosen the high nuts on the left and right sides of the front roller, determine the mowing height at the same scale position on the left and right sides and then retighten the nuts. (Fig. 8).

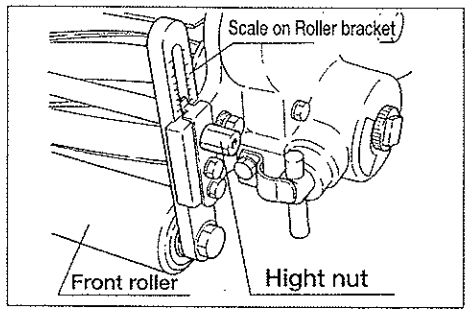


Fig. 8

4. Preliminary Inspection

4-1. Inspecting the Oil Level

- Check whether the mower contains the proper amount of engine oil at a level position of the engine.
- Add engine oil if the level is low.
- Change the all of the engine oil after the first 8 hours of operation and every 50 hours of operation thereafter.
- Use SAE30 oil.

5. Tightening of Components

5-1. Tightening of Bolts and Nuts

- Components are fastened with bolts throughout many parts of the mower. Since bolts and nuts may become loose when the mower is used initially, retighten those bolts and nuts as necessary (Table 2).

Proper tightening torque (kgf-cm)

	Ordinary bolts	Heat-treated bolts
M6	80	
M8	180	360
M10	360	720
M16 (pitch: 1.5)	360	

Table 2

6. Engine Starting Procedure

6-1. Starting the Engine

- CAUTION  Carefully read the engine operation manual and have a proper understanding of the engine before starting. Grab onto the engine lever and place all drives in neutral.

- WARNING Start the engine only after checking safety by making sure all covers are installed at their proper locations, the covers are not damaged, and that there are no persons in the vicinity of the mower.

- WARNING Do not start the engine inside a building not provided with proper ventilation.
- The engine switch is installed on the front of the handle. Verify its location when starting.

6-2. Engine Starting and Operating Procedure

① Set the clutch lever in the off position (Fig. 9).

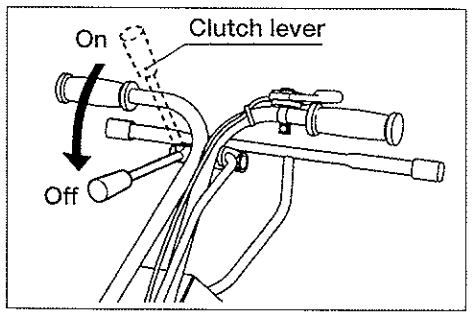


Fig. 9

② Set the throttle lever to the high speed position (Fig. 10).
③ Grab the engine lever (Fig. 10).

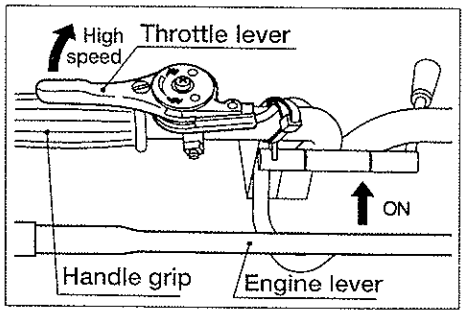


Fig. 10

④ Set the strainer lever to the open position.
⑤ Pull out the choke lever. Pulling on the coil starter starts the engine.
⑥ Return the choke lever to its original position (refer to the engine operation manual for details regarding steps ④, ⑤ and ⑥).

6-3. Stopping the Engine

◆ **CAUTION** Please be familiar with the procedure for stopping the engine in an emergency.

① Set the clutch lever to the off position (Fig. 11).
② Set the throttle lever to the low speed position (Fig. 12).
③ Set the strainer lever to the closed position (refer to the engine operation manual).
④ Release the engine lever (Fig. 12).
⑥ Release the engine lever immediately in an emergency.

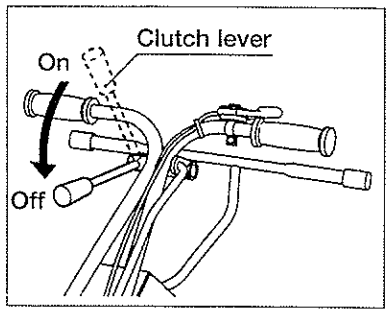


Fig. 11

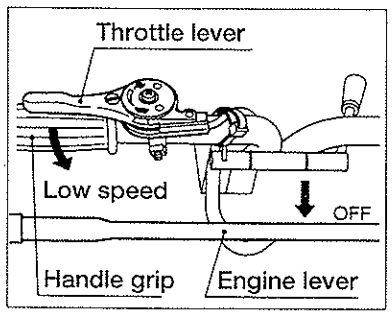


Fig. 12

6-4. Refueling

① **WARNING** Open flames are strictly prohibited during refueling. Perform refueling outdoors with the engine stopped and after allowing the engine to cool.
② Keep the mower clean at all times, and prevent debris, dust, grease or oil from accumulating on the mower.

6-5. CAUTION Cautions when Leaving the Mower Unattended

- Confirm that the engine is stopped.
- When parking the mower, park it on a level location. Never park the mower on an incline.

7. Mower Operation

7-1. DANGER Operation of Components

- All components should be operating properly before operating the mower.
- Confirm that the clutch operates reliably.
- Remember to operate the mower so that it can be stopped in an emergency at any time.
- Operate the mower while ensuring that both the operator and persons in the vicinity are not injured.

7-2. Throttle Lever

This lever is located on the left side of the handle and is used to adjust engine speed. Engine speed can be adjusted from 680 to 1650 rpm. Mowing should be performed at an engine speed of 1500 rpm.

7-3. Travelling Clutch Lever

This lever is located on the front right side of the handle. Travelling is stopped by setting the lever to the off position by pushing it forward. When pulled back, the clutch is set to the on position and engaged which causes the mower to move forward. Be careful not to operate the clutch rapidly, but rather move it slowly (Fig. 13).

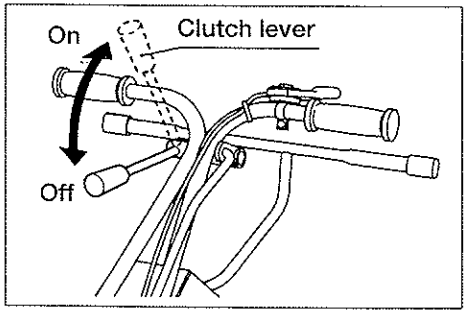


Fig. 13

◆ Be careful of the surroundings and pick up any rocks, wires and so forth in the grass before mowing.

7-4. Cutter Clutch Handle

The cutter clutch handle is located at the bottom front left side of the mower. When set to the on position, the blade reel cylinder begins to turn. Set this handle to the off position when not performing mowing work (Fig. 14).

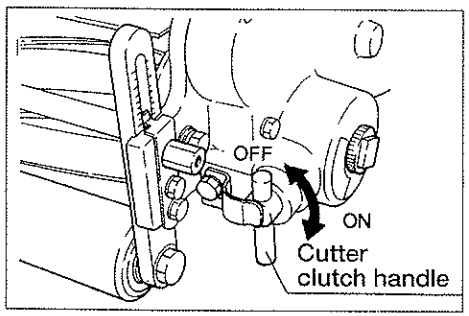


Fig. 14

7-5. Adjusting the Handle Height

The height of the handle can be adjusted by adjusting the front and back nuts according to the height of the operator. At this time, adjust the tension of the spring on the end of the clutch rod as well (Fig. 15A, 16).

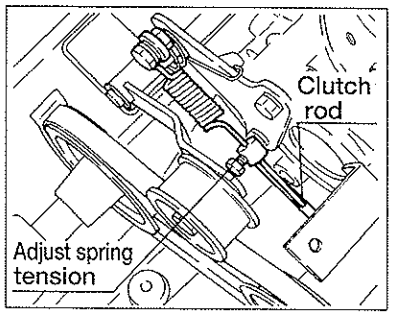


Fig. 15A

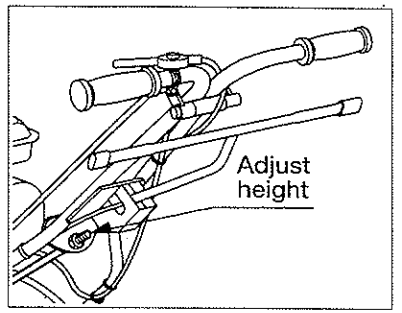


Fig. 16

7-6. V-Belt and Chain

⚠ CAUTION

Confirm that the engine is stopped before making adjustments. Adjust the V-belt by first checking the belt tension by pressing on the top of the V-belt with your finger with the clutch of the tension pulley engaged to determine whether or not it is deflected by about 10 mm. In addition, check the V-belt for cracks or other damage. Adjust the tension of the V-belt by moving the engine base forward or backward as necessary (Fig. 17).

- Adjust the chain by loosening the two bolts shown in Fig. 18 so that it is deflected by about 10 mm.

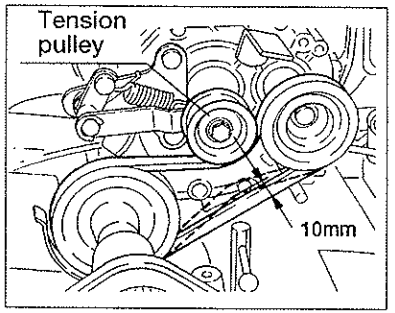


Fig. 17

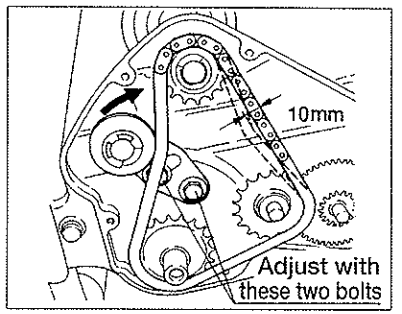


Fig. 18

7-7. Belt Cover

The belt cover can be removed by loosening the two bolts.

7-8. Travel Wheel (Manual Pushing)

The travel wheel (manual pushing) can be used by attaching with the clip pin.

7-9. Adjusting the Clutch Rod

Loosen the bolt shown in Fig. 15B to allow the clutch lever to loose. After adjustment, retighten the bolt (Fig. 15B, 6B).

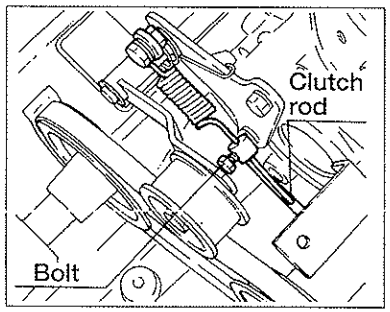


Fig. 15B

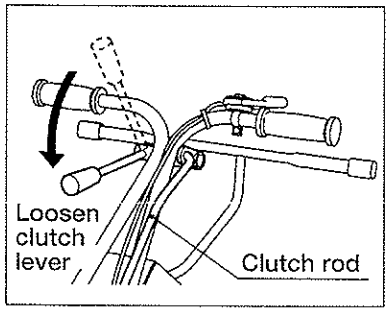


Fig. 16B

7-10. Adjusting Mowing Height Precisely

Use the provided gauge on the right and left sides of the bottom blade for precise adjustment of mowing height (Fig. 19).

After the adjustment, move the scale plate so that the scale position on Roller bracket shall be the same on the right and left and retighten the bolts and nuts.

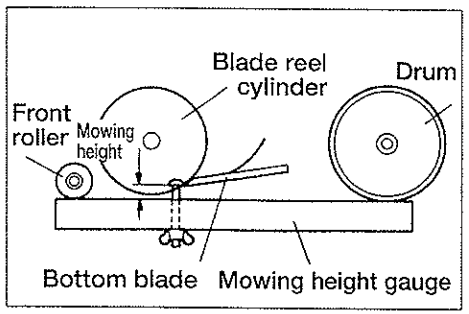


Fig. 19

7-11. Adjusting Blade Engagement

DANGER Confirm that the engine is stopped when adjusting blade engagement. When the blade reel cylinder (rotating blades) and bottom blade (receiving blade) no longer cut effectively, loosen the adjustment handle by turning to the left. Adjust so that both the left and right sides make slight contact. In the case the blade reel cylinder is excessively heavy and does not turn, tighten the adjustment handle by turning to the right. If the blade reel cylinder and bottom blade are unable to cut a piece of newspaper even when making slight contact, perform lapping promptly (Fig. 20A).

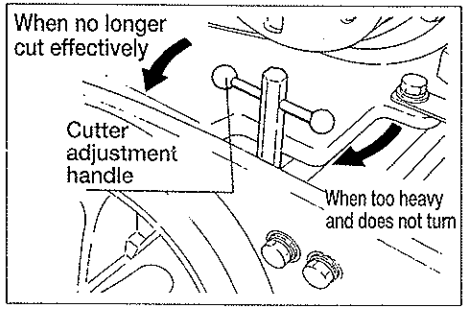


Fig. 20A

7-12. Lapping

Lapping refers to an intermediate step taken until the blades are actually resharpened. By applying abrasive while rotating the cutter (rotating blades) in the opposite direction, both the blade reel cylinder and bottom blade can be sharpened simultaneously.

1) Required Parts and Materials
   - Reel lapping handle (or lapping machine model RD20 sold separately)
   - Abrasive: Mixture of 3-4 parts of machine oil to 1 part lapping powder (#200).
   - Other: Brush, newspaper, rag, tools, steam, etc.

2) Blade Check

   Check the entire width of the blade reel cylinder after mowing work to determine those locations that are able to easily cut a piece of newspaper and those that cannot.

3) Connection of Reel lapping handle

Connect the reel lapping handle to the blade reel cylinder shaft on the mower (Fig. 21).

① Fix the position of the blade reel cylinder (by inserting wooden handle of a hammer).

② Remove the plug.

③ Screw in the lapping handle.

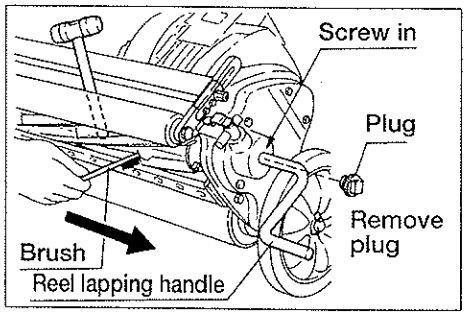


Fig. 21

4) Application of Abrasive

- Rotate the blade reel cylinder in the opposite direction of that during mowing, and apply abrasive with a brush to only those locations that easily cut the newspaper.
- Since the blades are worn down at those locations that do not cut the newspaper easily, never apply abrasive to those locations.

◆ The right side of the blade reel cylinder (as viewed from the front of the blade reel cylinder) wears down three to four times more rapidly than the left side. Therefore, when applying abrasive to the blade reel cylinder, always make sure to move the brush from left to right.

5) Rechecking the Blades

Rotate the blade reel cylinder for a short time with the abrasive applied and stop rotating when the contact sound can no longer be heard. Recheck the entire width of the blade reel cylinder to determine those locations where newspaper is cut easily and those where it is not.

6) Lapping

Repeat steps 4) and 5) until the blade reel cylinder and bottom blade engage (make contact) uniformly over their entire surfaces and then apply abrasive over the entire blade reel cylinder to perform final lapping.

7) Removal of Abrasive

After lapping is completed, carefully wash off all abrasive with steam, etc.

8) Blade Engagement Adjustment

The blade reel cylinder and bottom blade should engage slightly on both the left and right sides uniformly.

① Turning the adjustment handle in Fig. 20B to the right causes the degree of engagement to decrease, while turning to the left causes it to increase.

② Adjust so that both the left and right sides make slight contact and that newspaper is cut easily.

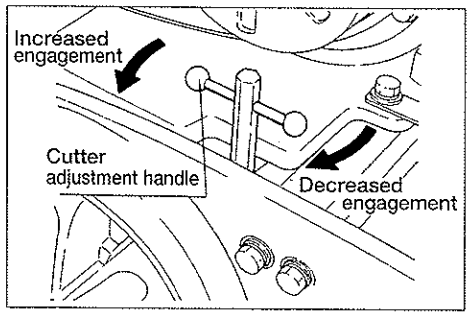


Fig. 20B

9) DANGER   Caution during Lapping

◆ Since both the blade reel cylinder and bottom blade have sharp blades, use sufficient caution when handling.

◆ Be particularly careful of the fingers when rotating the blade reel cylinder during checking of blade sharpness with newspaper.

◆ Always make sure to first stop the engine when performing lapping.

7-13. Regrinding the Blade Reel Cylinder (Overhaul)

In the case the blade reel cylinder has become worn down and has taken on a conical shape, perform cylindrical grinding to return the blade reel cylinder to a cylindrical shape. (Inquire at your dealer where the mower was purchased when requesting cylindrical grinding.)

8. Engine Handling Precautions

CAUTION  Read the engine operation manual for information relating to the engine.

1) Fuel

WARNING  Only use automobile gasoline for the fuel.

2) Changing the Oil

Since the mower is subjected to harsh operating conditions including vibrations and dust, the engine oil should be completely changed after the first 8 hours of operation, and then every 50 hours of operation thereafter. The engine holds 0.6 liters of engine oil. Only use SAE30 oil.

3) Air Cleaner

Always make sure of cleaner cover cloth pouch over the inlet of the air cleaner during mowing work. Always inspect the air cleaner element before use and replace it with a new one every 200 hours of operation.

4) Refueling

WARNING  Refueling in the presence of open flames is strictly prohibited. Be particularly careful of smoking while refueling. Add fuel outdoors with the engine stopped and after allowing the engine to cool.

5) Engine Starting

WARNING Do not start the engine inside a building not provided with proper ventilation equipment.

6) Muffler

CAUTION  The muffler and area around the muffler exhaust port reach high temperatures. Be careful not to allow gasoline, matches and other flammable materials to come in the proximity of them.

7) Preliminary Inspection

CAUTION

- Check that the fuel pipe and other attached components are not loose or damaged.
- Check that the bolts and nuts are not loose.

8) Attire During Operation

CAUTION Caution is required with respect to the type of clothing worn during operation. Aprons, waist towels and other articles having long strings have the risk of being entangled or caught in the mower during operation.

9) Long-Term Storage

Drain any gasoline from the mower when not using for six months or longer.

10) Engine Maintenance Schedule

Maintenance and inspection should be performed according to the inspection table shown below to ensure that the engine is operating under the optimum conditions at all times (Table 3).

Operating time	Every 8 hr.	Every 15 hr.	Every 50 hr.
Inspection and addition of engine oil	○		
Changing the engine oil	Initially		2nd time and beyond
Cleaning the air cleaner		○	

Table 3

Refer to the engine operation manual for further details. 

Notes

(Inquiry about This Machine)

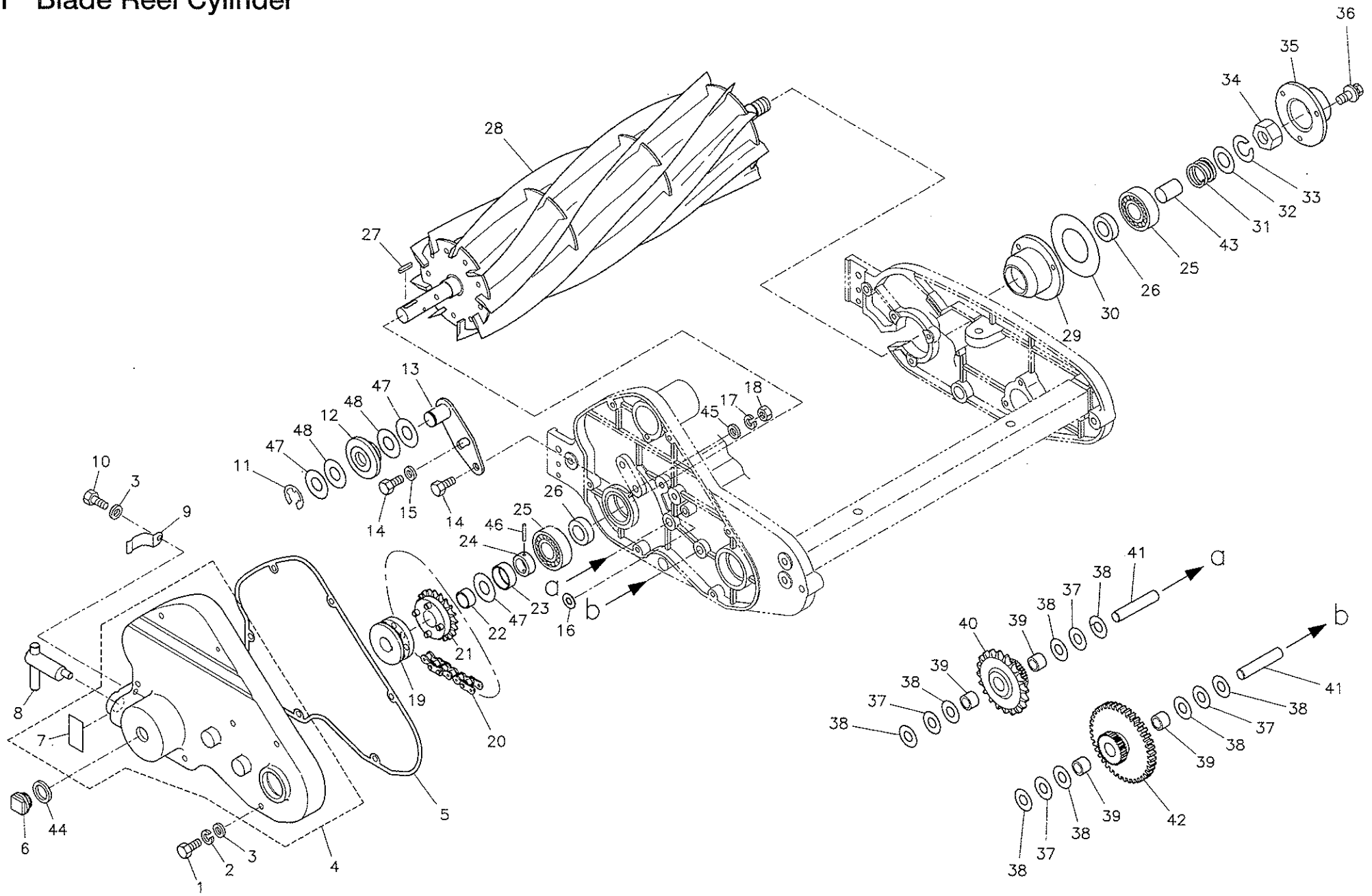
Since there are cases in which the model number may be successively changed, please inform service personnel of the model number and machine number when making inquiries.
Furthermore, the contents of this catalog are subject to change without notice.

(Ordering Parts)

Although the parts shown in the following tables are controlled by computer, to prevent errors in shipping, please indicate the catalog number, code number and part name when ordering parts.

Example	Catalog No.	Code No.	Part name	Quantity
	3-26	LM45G--0345Z2	Belt stopper	1

1 Blade Reel Cylinder

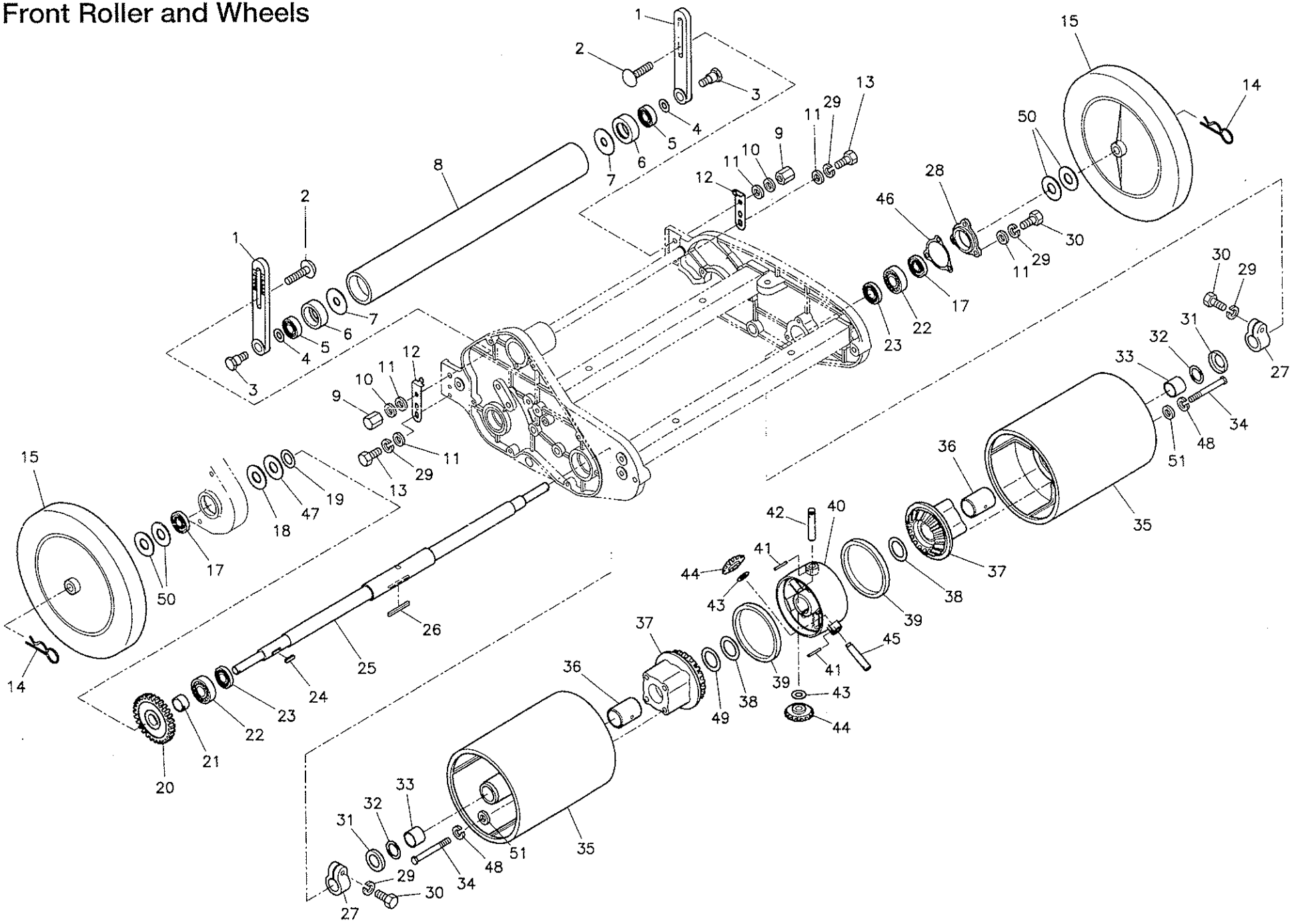


Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
1- 1	K 0 0 0 0 0 6 0 4 5 2	6 bolt 45	6		
1- 2	K 0 2 0 0 0 6 0 0 0 2	6S washer	6		
1- 3	K 5 0 0 0 0 6 0 0 0 2	6 washer	7		
1- 4	L M 4 5 G A — 1 4 0 1 Z 0	Cover with mark	1		
1- 5	L M 4 5 G — — 0 6 0 4 Z 0	Packing	1		
1- 6	K 1 4 0 0 0 0 0 0 1 0	Oil tap 18	1		
1- 7	K 4 2 0 3 0 0 0 0 8 0	ON/OFF mark	1		
1- 8	L M 4 5 G — — 0 6 0 7 Z 2	Cutter clutch handle	1		
1- 9	K 1 0 9 0 0 0 0 0 5 8	Clutch retainer spring	1		
1-10	K 0 0 0 0 0 6 0 1 5 2	6 bolt 15	1		
1-11	K 0 4 0 0 0 1 5 0 0 2	Stop ring E15	1		
1-12	L M 4 5 G — — 0 6 1 0 Z 2	Chain tensioner lug	1		
1-13	L M 4 5 G — — 0 6 0 5 Z 2	Chain tensioner mounting bracket	1		
1-14	K 0 0 0 0 0 8 0 2 5 2	8 bolt 25	2		
1-15	K 5 0 0 0 0 8 0 0 0 2	8 washer	1		
1-16	K 4 0 1 5 1 0 8 1 8 0	1 fiber 8.518	1		
1-17	K 0 2 0 0 0 8 0 0 0 2	8S washer	2		
1-18	K 0 1 0 0 0 8 0 0 0 2	8 nut	2		
1-19	L M 4 5 G — — 0 1 0 6 Z 0	Cutter clutch	1		
1-20	K 2 2 1 0 0 0 0 1 2 0	EK06B chain 54J	1		
1-21	L M 4 5 G — — 0 1 0 4 A 0	19-tooth sprocket	1		
1-22	K 6 0 0 0 0 0 0 2 4 0	17 bush 2019	1		
1-23	L M 4 5 G A — 0 1 1 2 Z 0	Pin locking collar	1		
1-24	L M 4 5 G A — 0 1 0 2 Z 0	Bearing collar	1		
1-25	K 0 6 3 0 3 0 2 0 3 0	Tapered roller 30203	2		
1-26	K 0 8 2 2 0 3 2 0 6 0	Oil seal MHSA20326	2		
1-27	K 0 5 0 0 4 0 5 2 0 0	4 double-ended round key 520	1		
1-28	K 2 8 0 4 5 0 0 9 0 R	Blade reel cylinder 434	1		
1-29	L M 4 5 G A — 0 1 1 1 Z 2	Reel housing	1		
1-30	L M 4 5 G — — 0 1 1 4 Z 0	Reel shaft packing	1		

Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
1-31	K 1 0 0 0 0 0 0 7 4 0	3.2 compression spring 29.6	1		
1-32	K 5 0 1 2 0 1 6 2 8 2	2SPCC washer 1628	1		
1-33	K 0 2 1 0 1 6 0 0 0 2	16 disc spring L	1		
1-34	K 0 1 4 5 1 6 0 0 0 2	16U nut P1.5	1		
1-35	L M 4 5 G — — 0 1 1 5 Z 2	Reel shaft cover	1		
1-36	K 0 0 0 7 0 6 0 3 0 2	6 bolt 30SW	3		
1-37	K 5 0 2 1 0 1 0 2 2 0	1NBS55 washer 1022	4		
1-38	K 5 0 5 1 0 1 0 2 2 0	1C5191P washer 1022	6		
1-39	K 0 7 0 1 0 1 4 1 0 0	Needle KT101410	4		
1-40	L M 4 5 G — — 0 3 2 3 Z 0	18-tooth sprocket 19-tooth gear	1		
1-41	L M 4 5 G — — 0 3 2 2 Z 0	2·3 shaft	2		
1-42	L M 4 5 G — — 0 3 2 6 Z 0	19-tooth, 48-tooth gear	1		
1-43	L M 4 5 G A — 0 1 1 0 Z 2	Collar	1		
1-44	K 4 0 1 0 2 1 7 2 5 0	2 oil seat 17.525	1		
1-45	K 5 0 1 1 0 0 8 1 8 2	1SPCC washer 818	2		
1-46	L M 4 5 G — — 0 1 0 3 Z 0	Knock pin	1		
1-47	K 5 0 1 1 0 1 7 2 8 2	1SPCC washer 1728	3		
1-48	K 5 0 5 1 0 1 7 2 8 0	1C5191P washer 1728	2		

LM45GAS

2 Front Roller and Wheels

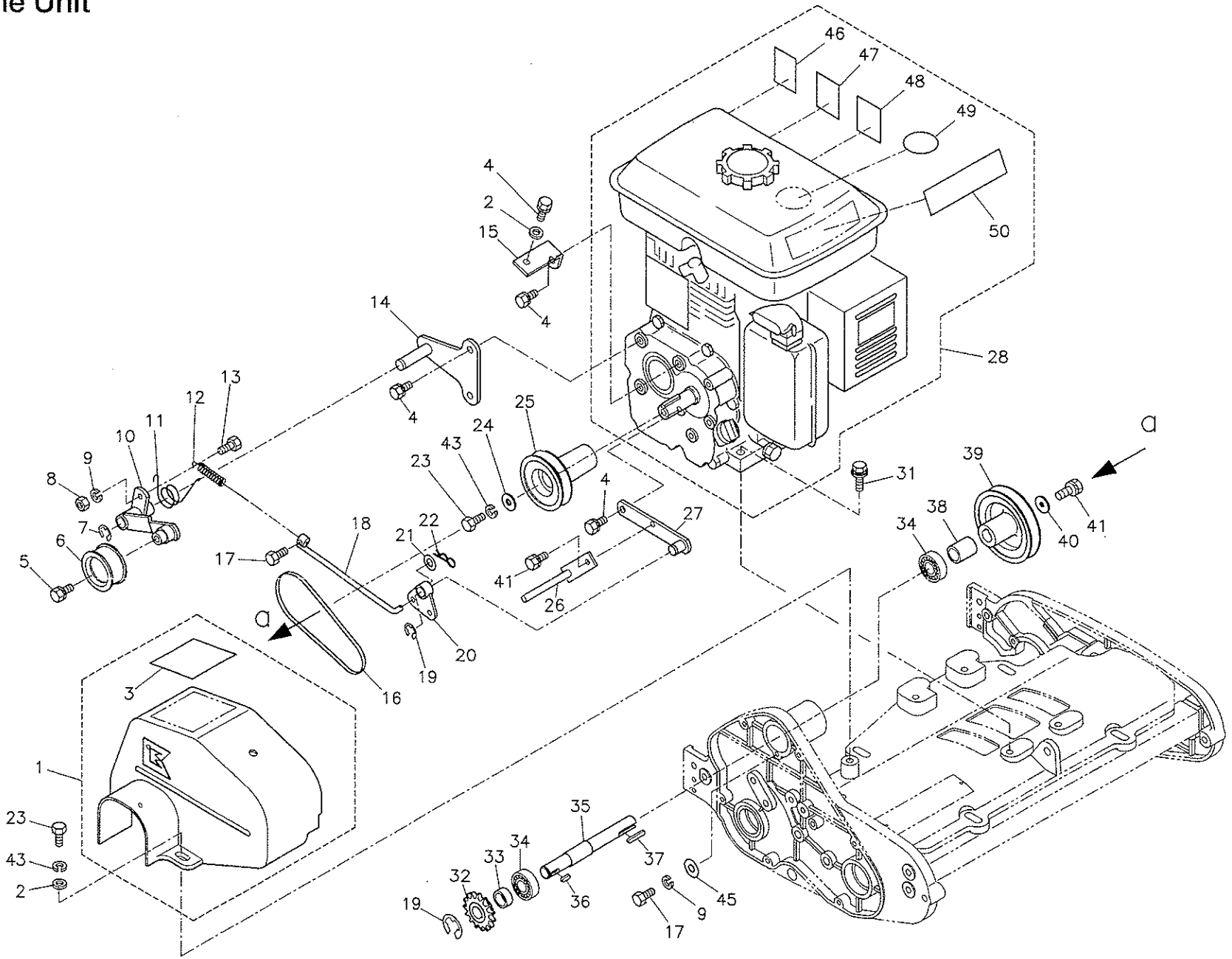


Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
2- 1	LM45G--0404Z0	Roller bracket	2		
2- 2	K0025060302	6 square-base round-head bolt 30	2		
2- 3	LM45G--0405Z2	Roller pin	2		
2- 4	K5011010202	1SPCC washer 1020	2		
2- 5	K0609062000	Bearing 62002RSC3	2		
2- 6	K4031000200	Bearing holder	2		
2- 7	K5011613402	1.6SPCC washer 1340	2		
2- 8	LM45G--0401ZD	Front roller	1		
2- 9	K0149060202	6-10 high nut 20	2		
2-10	K0213060001	6 disc spring washer 1H	2		
2-11	K5000060002	6 washer	6		
2-12	LM45G--0412Z0	Scale plate	2		
2-13	K0000060102	6 bolt 10	4		
2-14	K0331400002	Special snap pin 14	2		
2-15	LM45G--0232A0	Auxiliary wheel	2		
2-16					
2-17	K0851732080	Oil seal PJN17328	2		
2-18	K5012017370	2SPCC washer 1737	1		
2-19	K5051017280	1C5191P washer 1728	1		
2-20	LM45G--0221Z0	48-tooth axle gear	1		
2-21	LM45G--0223A0	Gear collar	1		
2-22	K0601062030	Bearing 6203C3	2		
2-23	K0822032060	Oil seal MHSA20326	2		
2-24	K0520505100	5 single-ended round key 510	1		
2-25	LM45G--0206A2	Axle	1		
2-26	K0500404350	4 double-ended round key 435.5	1		
2-27	LM45G--0218Z2	Drum stabilizer	2		
2-28	LM45G--0227Z0	Seal cover	1		
2-29	K0200060002	6S washer	11		
2-30	K0000060202	6 bolt 20	5		

Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
2-31	LM45G--0217Z2	Dust cover	2		
2-32	K5051020280	1C5191P washer 2028	2		
2-33	K6000000280	20 bush 2420	2		
2-34	LM45G--0214Z2	Wheel tightening bolt	8		
2-35	LM45G--0212B0	Drum	2		
2-36	K6000000030	25.4 bush 30.142	2		
2-37	LM45G--0210Z2	21-tooth differential gear	2		
2-38	K5051025370	1C5191P washer 25.437	2		
2-39	K0830000030	Differential dust seal	2		
2-40	K6810000020	Differential housing	1		
2-41	K0302025250	2.5 stainless steel cotter pin 25	3		
2-42	K6142000010	Differential pinion shaft 2	2		
2-43	K5051010220	1C5191P washer 1020	3		
2-44	K6191000020	Differential pinion	3		
2-45	K6156000020	Differential pinion shaft 1	1		
2-46	LM45G--0226Z0	Packing	1		
2-47	K5012017280	1SPCC washer 1728	1		
2-48	K0200080002	8S washer	8		
2-49	K5010625372	0.6SPCC washer 25.437	1		
2-50	K5011012262	1SPCC washer 1226	4		
2-51	K5000080002	8 washer	8		

LM45GAS

3 Engine Unit

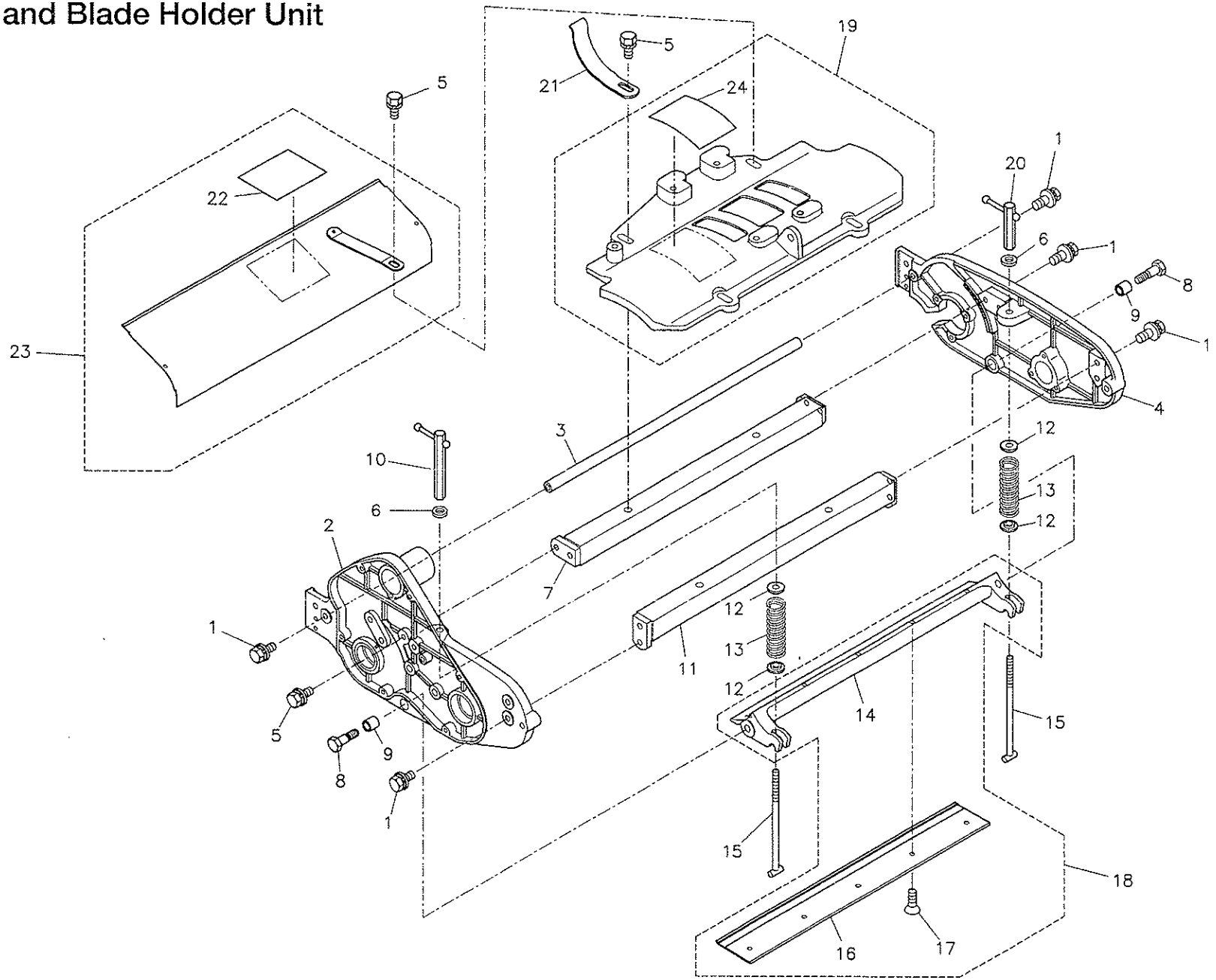


Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
3- 1	LM45GA—1103Z0	Belt cover with mark	1		
3- 2	K5000080002	8 washer	2		
3- 3	K4205001290	Health and safety warning mark	1		
3- 4	K0006080152	8 bolt 15S	5		
3- 5	K0006080102	8 bolt 10S	1		
3- 6	K2480000030	Tension pulley TPB45	1		
3- 7	K0400010002	Stop ring E10	1		
3- 8	K0100060002	6 nut	1		
3- 9	K0200060002	6S washer	2		
3-10	LM45G——0311Z2	Tension lever	1		
3-11	K1050000058	Tension return spring	1		
3-12	K1040000048	2.8 hook spring 14.6127.3	1		
3-13	K0071000892	Spring hooking bolt	1		
3-14	LM45G——0310A2	Tension idle shaft locking plate	1		
3-15	LM45G——0331A2	Belt cover locking clamp	1		
3-16	K2322022000	V-belt OLA22	1		
3-17	K0000060102	6 bolt 10	2		
3-18	LM45G——0327Z2	Clutch intermediate rod	1		
3-19	K0400012002	Stop ring E12	2		
3-20	LM45G——0329Z2	Idle collar	1		
3-21	K5000060002	6 washer	1		
3-22	K0330800002	8 snap pin	1		
3-23	K0000080202	8 bolt 20	2		
3-24	K5001080002	8 washer 21	1		
3-25	LM45G——0316Z0	Engine pulley	1		
3-26	LM45G——0345Z2	Belt stopper	1		
3-27	LM45G——0328A2	Idle bearing plate	1		
3-28	LM45GA—1102Z0	Kubota GS130 with mark	1		
3-29					
3-30					

Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
3-31	K0007080302	8 bolt 30SW	4		
3-32	LM45G——0305A0	1st shaft 15-tooth sprocket	1		
3-33	LM45G——0306Z0	1st shaft collar	1		
3-34	K0612062020	Bearing 62022RD	2		
3-35	LM45G——0301Z0	1st shaft	1		
3-36	K0500505120	5 double-ended round key 512.5	1		
3-37	K0500505280	5 double-ended round key 528	1		
3-38	LM45G——0330Z2	1st pulley collar	1		
3-39	LM45G——0308Z0	1st shaft pulley	1		
3-40	K5012306202	2.3SPCC washer 620	1		
3-41	K0006060152	6 bolt 15S	2		
3-42					
3-43	K0200080002	8S washer	1		
3-44					
3-45	K5011606162	1.6SPCC washer 616	1		
3-46	K4209000670	100 mark	1		
3-47	K4205001330	Noise warning mark	1		
3-48	K4209000640	CE mark	1		
3-49	K4205001300	Engine oil warning mark	1		
3-50	LM45GA—1101Z0	Model name mark	1		

LM45GAS

4 Frame and Blade Holder Unit

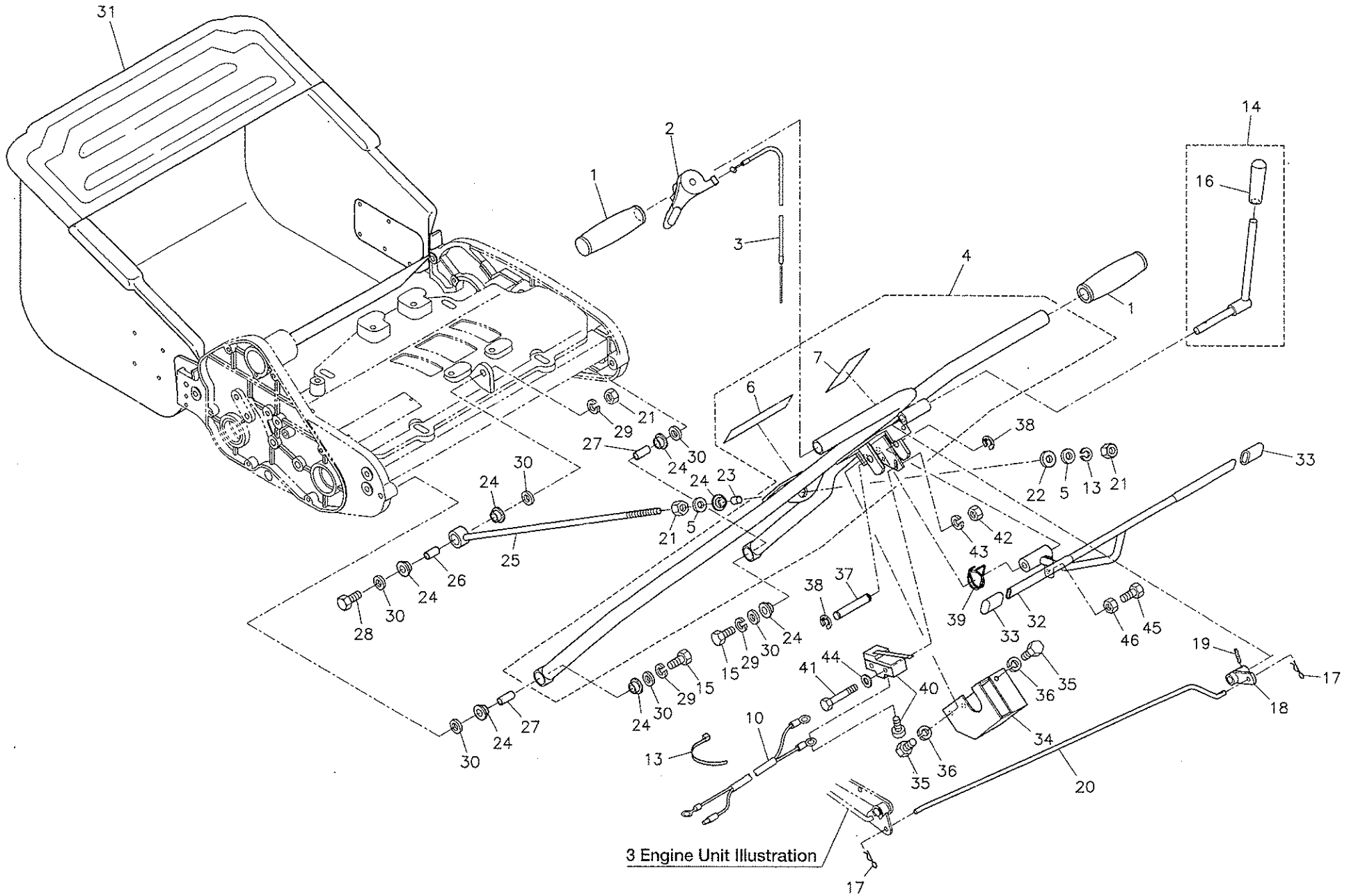


Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
4- 1	K0007080352	8 bolt 35SW	8		
4- 2	LM45G——0601AR	Left frame	1		
4- 3	LM45G——0511Z2	Frame stay rod	1		
4- 4	LM45G——0602AR	Right frame	1		
4- 5	K0007080302	8 bolt 30SW	6		
4- 6	K5000080002	8 washer	2		
4- 7	LM45G——0730AR	Front frame stay	1		
4- 8	LM45G——0509Z0	Cutter pin right	2		
4- 9	K6000000180	11 bush 1515	2		
4-10	LM45G——0504Z0	Cutter adjustment nut 100	1		
4-11	LM45G——0714AR	Rear frame stay	1		
4-12	LM45G——0515Z2	Spring holder	4		
4-13	K1000000538	4.5 compression spring 23.5100	2		
4-14	LM45G——0507ZR	Bottom blade base	1		
4-15	LM45G——0503A2	Cutter adjustment shaft	2		
4-16	K2510000050	4 bottom blade 62.5-440-42	1		
4-17	K0071000222	6 heat-treated countersunk head screw 12	5		
4-18	LM45G——0501Z0	Bottom blade COMP	1		
4-19	LM45GA—1104Z0	Engine base with mark	1		
4-20	LM45G——0513Z0	Cutter adjustment nut 65	1		
4-21	LM45G——0339Z2	Belt stopper	1		
4-22	K4205001280	Danger mark	1		
4-23	LM45GA—1201Z0	Cutter shaft cover with danger mark	1		
4-24	K4205001310	Safety instructions	1		

Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks

LM45GAS

5 Handle Unit

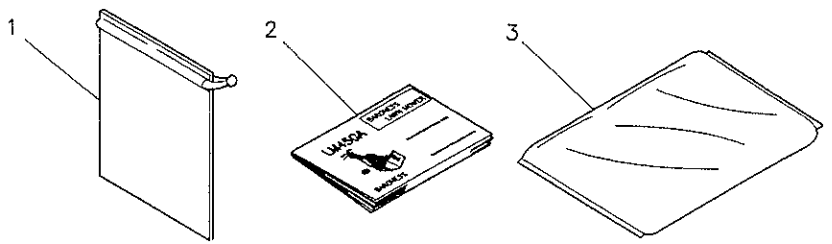


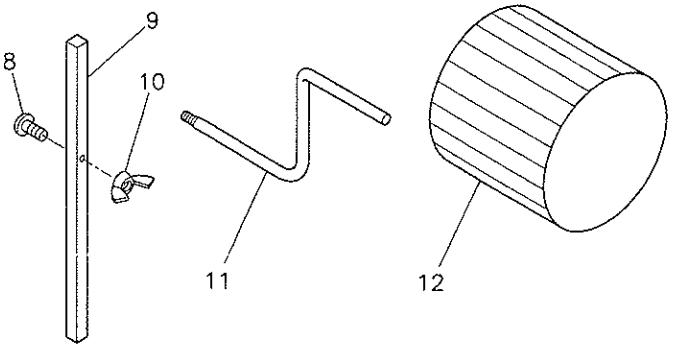
Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
5- 1	K 1 3 0 0 0 0 0 2 3 0	Black handle grip 19	2		
5- 2	K 1 2 0 3 5 2 1 1 0 0	Throttle lever E352110	1		
5- 3	K 1 1 1 0 1 3 5 0 0 0	Throttle wire 1350	1		
5- 4	L M 4 5 G A — 1 0 0 8 Z 0	Handle COMP	1		
5- 5	K 5 0 1 2 3 0 8 2 4 2	2.3SPCC washer 824	2		
5- 6	K 4 2 0 1 0 0 0 4 2 0	Saxon mark	1		
5- 7	K 4 2 0 3 0 0 0 9 8 0	Clutch engagement mark	1		
5- 8					
5- 9					
5-10	L M 4 5 G A — 1 0 0 5 Z 0	Engine switch cord	1		
5-11					
5-12					
5-13	K 4 2 4 1 0 0 0 0 1 0	Nylon band 140	2		
5-14	L M 4 5 G A — 0 7 1 1 Z 0	Clutch lever	1		
5-15	K 0 0 0 3 0 8 0 5 5 2	8 bolt 55	2		
5-16	K 1 3 0 0 0 0 0 0 7 0	9 black grip 22	1		
5-17	K 0 3 3 0 8 0 0 0 0 2	8 snap pin	2		
5-18	L M 4 5 G — — 0 7 1 3 Z 2	Clutch lever pipe	1		
5-19	K 0 3 2 0 0 4 0 2 0 1	4 spring pin 20	1		
5-20	L M 4 5 G A — 1 0 0 6 Z 2	Clutch rod	1		
5-21	K 0 1 0 0 0 8 0 0 0 2	8 nut	3		
5-22	K 4 0 3 1 0 0 0 2 1 0	Rubber washer	1		
5-23	L M 4 5 G — — 0 7 1 0 Z 0	Locking collar 12.5	1		
5-24	K 4 0 3 1 0 0 0 1 4 0	Rubber vibration insulator 22	7		
5-25	L M 4 5 G A — 1 0 0 7 Z 2	Handle attachment shaft	1		
5-26	L M 4 5 G — — 0 7 2 8 Z 0	Locking collar 20	1		
5-27	L M 4 5 G — — 0 7 2 9 Z 0	Locking collar 24.5	2		
5-28	K 0 0 0 0 0 8 0 4 0 2	8 bolt 40	1		
5-29	K 0 2 0 0 0 8 0 0 0 2	8S washer	4		
5-30	K 5 0 1 1 0 0 8 1 8 2	1SPCC washer 818	6		

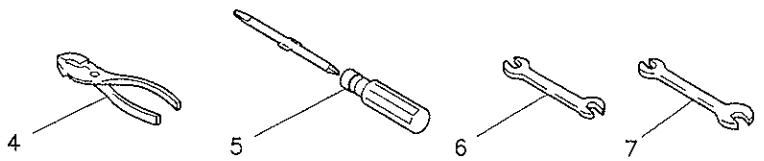
Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
5-31	L M 4 5 G — — 0 8 0 1 A 0	Grass catcher	1		
5-32	L M 4 5 G A — 1 0 0 2 Z L	Engine lever	1		
5-33	K 1 3 1 0 0 0 0 1 0 0	10.5 black cap	2		
5-34	L M 4 5 G A — 1 0 0 3 Z L	Switch cover	1		
5-35	K 0 0 0 0 0 6 0 1 0 2	6 bolt 10	3		
5-36	K 0 2 0 0 0 6 0 0 0 2	6S washer	3		
5-37	L M 4 5 G A — 1 0 0 4 Z 2	Fulcrum shaft	1		
5-38	K 0 4 0 0 0 0 8 0 0 2	Stop ring E8	2		
5-39	K 1 0 5 0 0 0 0 1 5 8	2.3 twisted coil spring 25.6	1		
5-40	K 3 6 7 0 0 0 0 0 8 0	Switch AM1711 hinge	1		
5-41	K 0 0 0 0 0 4 0 3 0 2	4 bolt 30	2		
5-42	K 0 1 0 0 0 4 0 0 0 2	4 nut	2		
5-43	K 0 2 0 0 0 4 0 0 0 2	4S washer	2		
5-44	K 5 0 0 0 0 4 0 0 0 2	4 washer	2		
5-45	K 0 0 0 0 0 0 6 0 2 5 2	6 bolt 25	1		
5-46	K 0 1 0 0 0 6 0 0 0 2	6 nut	1		

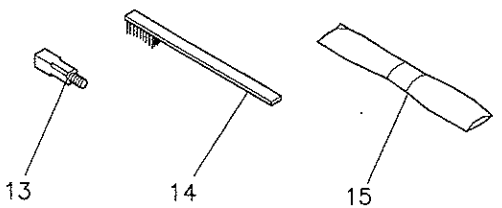
LM45GAS

6 Accessories









Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks
6- 1	K 4 8 0 1 0 0 0 0 2 0	Tool bag	1		
6- 2	L M 4 5 G A — 0 1 E — 0 0	LM45GA parts catalog	1		
6- 3	K 2 6 9 0 G S 1 3 0 — 0 1	Engine operation manual	1		
6- 4	K 4 8 3 0 0 0 0 0 1 2	Pliers	1		
6- 5	K 4 8 2 0 0 0 0 0 1 0	+/— screwdriver	1		
6- 6	K 4 8 1 0 0 8 0 1 0 2	Spanner 8 x 10	1		
6- 7	K 4 8 1 0 1 3 0 1 7 2	Spanner 13 x 17	1		
6- 8	K 0 0 4 2 0 6 0 3 0 2	6+ small round head screw 30	1		
6- 9	K 6 0 9 0 0 0 0 1 1 2	Gauge base	1		
6-10	K 0 1 4 1 0 6 0 0 0 2	6 butterfly nut 3	1		
6-11	K 6 1 2 5 0 0 0 0 2 2	Reel lapping handle	1		
6-12	K 4 1 1 0 0 0 0 0 2 0	Medium cleaner cover	1		
6-13	K 6 0 9 0 0 0 0 3 3 2	Reel lapping shaft	1		
6-14	K 4 8 0 3 0 0 0 0 1 0	Brush	1		
6-15	K 4 8 0 4 0 0 0 0 1 0	Lapping powder #200-20	1		

Catalog No.	Code No.	Part Name	Qty.	Common Parts	Remarks

LM45GAS

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