



NOTICE D'EMPLOI

Plateau de coupe

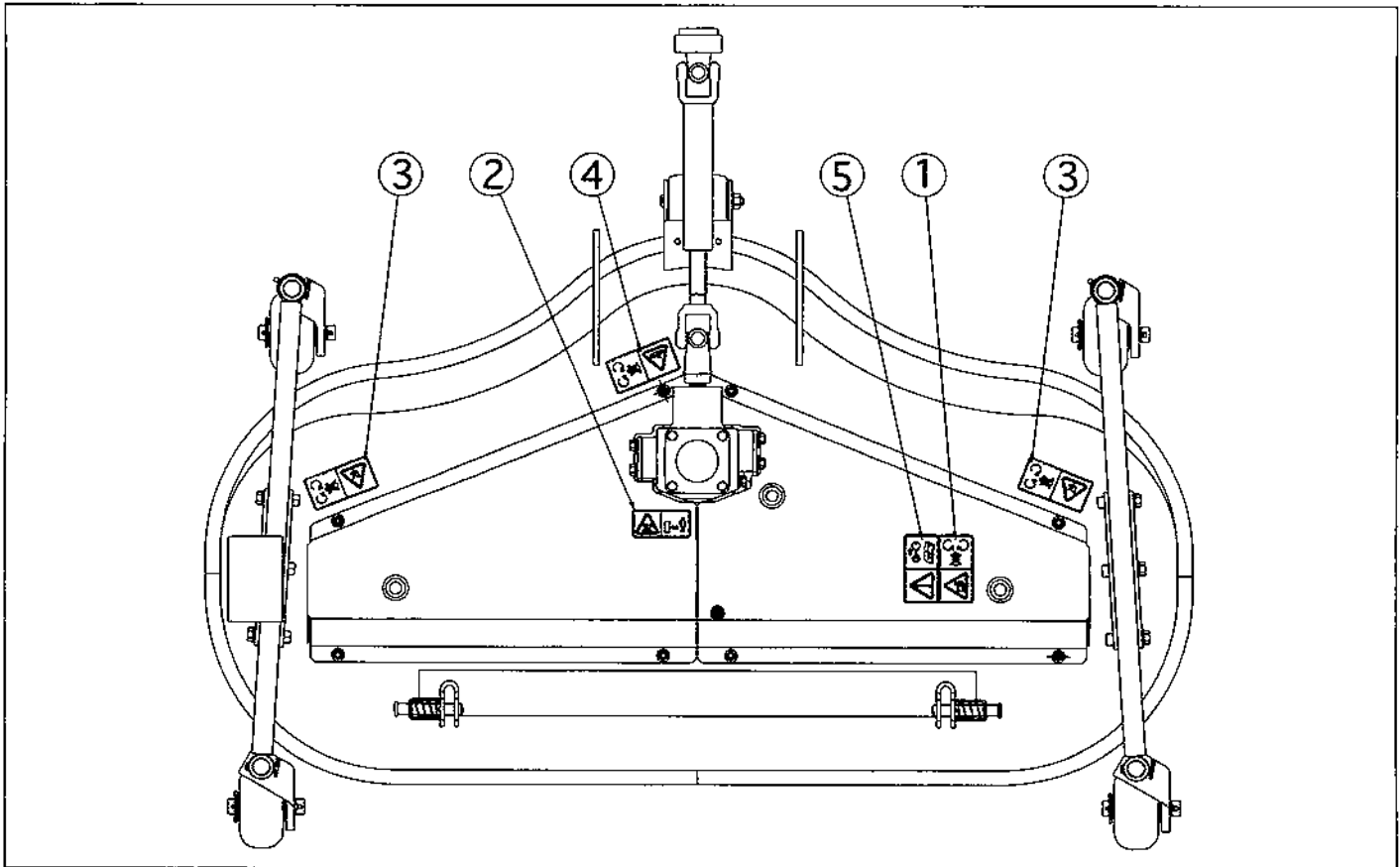
SXG122
SXG137
SXG137HACH

SCMA48 SXG22E4
SCMA54 SXG22E4
SMM54 SXG22E4

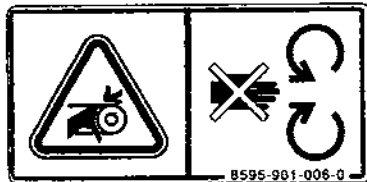


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01-000039-050322



(1) Belt caution label
(Code No. 8595-901-006-0)



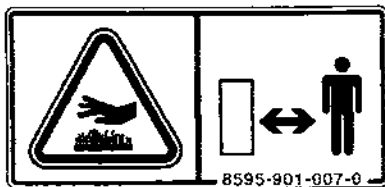
Stay clear of the belt while it is moving.

(4) PTO label
(Code No. 8654-901-002-0)



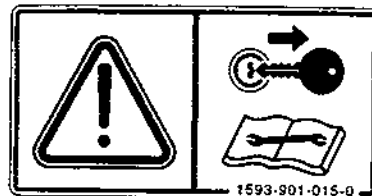
Stay clear of the PTO shaft while the engine running.

(2) Hot-part caution label
(Code No. 8595-901-007-0)



Stay clear of the heated parts while they are hot.

(5) Maintenance label
(Code No. 1593-901-015-0)



Shut off the engine and remove the starter key before performing maintenance or repair work.

(3) Danger label
(Code No. 2500-901-014-3D)

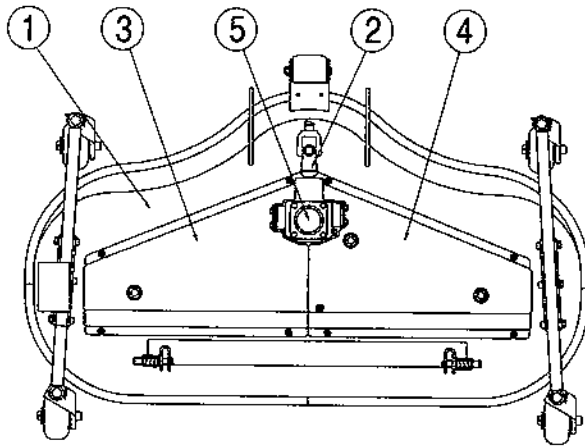


Stay clear of the mower blades while the engine is running.

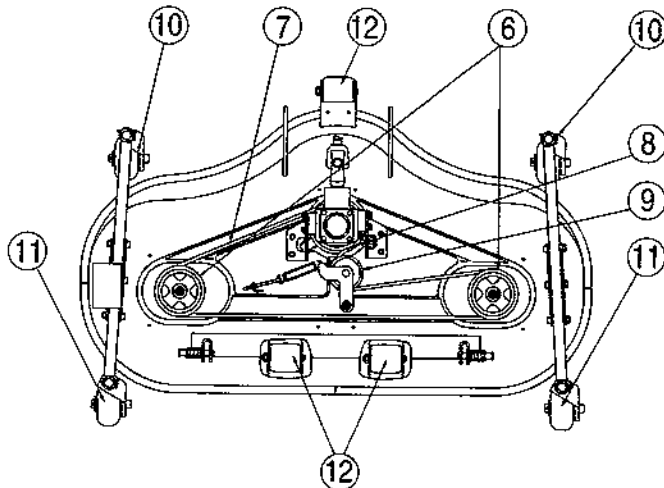
• **Maintenance of the caution labels**

- The labels should always be clearly seen, that is, nothing should obscure them.
- When they have become dirty, wash them with soapy water and wipe off with soft cloth.
- If any of them are torn or lost, order new labels from your dealer.
- A new label should be placed in the same place where the old one was located.
- When sticking on a new label, clean the place to enable the label to stick and squeeze out all air bubbles trapped under it.
- When replacing a part with a caution label stuck on, a new caution label should also be ordered.

Models	SCMA48	SCMA54	SMM54
Type	Rotary mower with rear discharge		Rotary mower
Cutting width	1220mm	1372mm	1369mm
Number of blades	2		3
Blade driving method	Drive shaft and belt		
Belts	300-DS8M-2800	300-DS8M-2880	SB101-W800
Blade rotating speeds	1983rpm	1794rpm	2882rpm
(Gear box input speed)	1750rpm		
(Engine speed)	2600rpm		
Dimensions			
Overall length	905mm	945mm	983mm
Overall width	1285mm	1440mm	1449mm
Overall height	385mm	385mm	331mm
Weight(with linkage)	105kg	115kg	110kg
Cutting height adjustment	Adjustable in 7 stages by pin shifting and no step by cutting height dial		
Cutting height	30-120mm		35-125mm
Discharge direction	Rearward		—



- (1) Mower deck
- (2) Drive shaft
- (3) Belt cover (LH)
- (4) Belt cover (RH)
- (5) Gear case
- (6) Pulley
- (7) Belt
- (8) Tension arm
- (9) Tension pulley
- (10) Front gauge wheel
- (11) Rear gauge wheel
- (12) Roller



Cutting Height

125 (4.9)	H	Y — A
95 (3.7)	H	Y — B
75 (3.0)	H	Y — C
65 (2.6)	H	X — B
55 (2.2)	H	Y — D
45 (1.8)	H	X — C
35 (1.4)	L	Y — E

INSPECTION AND REPLACEMENT OF GEAR CASE OIL

1) Inspection of oil level in the bevel gear case

Important:

Check the oil level after every 50 hours of operation.

- Bevel gear case: Remove the level plug located.
- Check to see if a small amount of oil overflows through the plug hole. If so, the level is normal. If not, replenish with gear oil SAE80 through the plug hole using an oil pitcher or the like.

Oil	Gear oil SAE 80	
Capacity	Bevel gear case	0.4 liter (0.09 Imp.gal.)

Important:

Before replacing the level plug, be sure to wrap the threads with sealing tape without fail, or oil may leak through the plug.

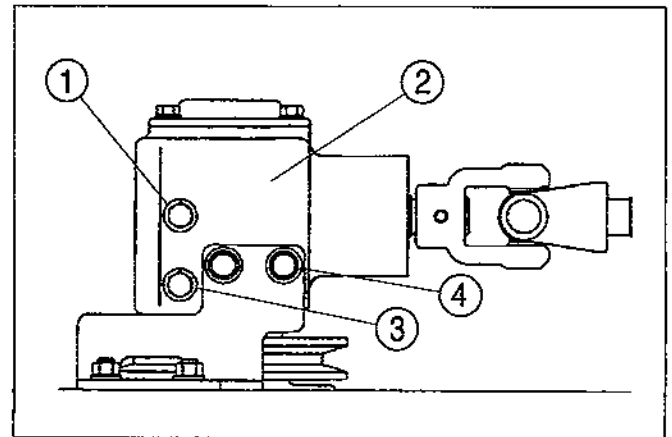
2) Replacement of oil

Important:

Replace oil after the initial 50 hours of operation and then after every 200 hours of operation.

- Remove both belt covers (LH and RH) by loosening the tightening nuts.

SMM54



- (1) Level plug (3) Drain plug
(2) Gear case (4) Bolt

- Remove the level plug and drain plug. Then drain all oil by tilting the gear case.
- Wrap the threads of the drain plug with sealing tape and screw it in and supply with fresh oil through the level plug hole using an oil pitcher.
- Wrap the threads of the level plug with sealing tape and re-install it.

Important:

All oil spilt on the gear case mount should be wiped off completely with cloth. If it is not, the belt may be smeared with oil and become slippery.

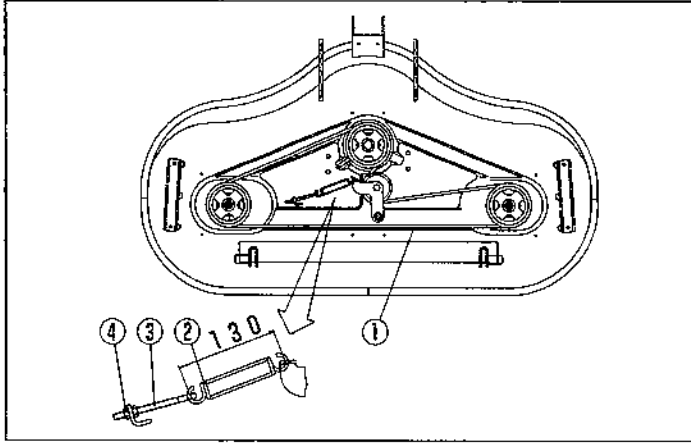
- Re-install the belt covers.

INSPECTION AND REPLACEMENT OF TIMING-BELT

1) Inspection of belt tension

SMM54

- Remove the cover and measure the spring length.
- Adjust the nut(4) so that spring length(2) is "130mm".



(1) Belt (3) Wire cable
(2) Spring (4) Nut

2) Inspection of belt

- Remove both the belt covers installed on the mower deck.
- Check the belt for damage and dirt. If it is smeared with oil or dirt, or wet with water, wipe it clean with a dry cloth. When damaged, install a new belt.



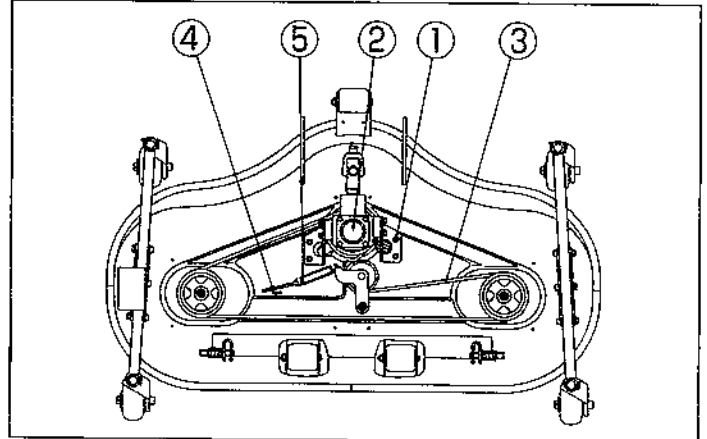
Caution:

Never forget to replace all the removed covers.

3) Replacement of the belt

SMM54

- Remove the belt covers (RH and LH) from the mower deck.
- Loosen the nut(1) and remove the gear case(2).
- Loosen the lock nut(4).



(1) Nut (4) Lock nut
(2) Gear case (5) Spring
(3) Belt

- Remove the belt(3) and install a new belt.

Important:

- Be sure to install the belt as illustrated.
- An improperly installed belt will not work as expected but also may result in the belt breaking right away.
- Be sure to use the following ISEKI's genuin belts:

SCMA 54	8665-203-001-00 Belt / D / STS / 2880
SCMA 48	8663-203-001-00 Belt / D / STS / 2800
SMM 54	8657-203-001-00 Belt / VB101

- Make sure the belt is seated properly in the groove of each pulley and apply tension to it by expanding the tension.
- Re-install the belt covers.



Caution:

Never forget to replace the removed belt covers and drive shaft cover.

Blades

Rounded blade edges create excessive clearance around overlapping part of blades, which may leave un-cut grass. Pay attention to blade wear, and sharpen or replace worn blades immediately.

A. New blade

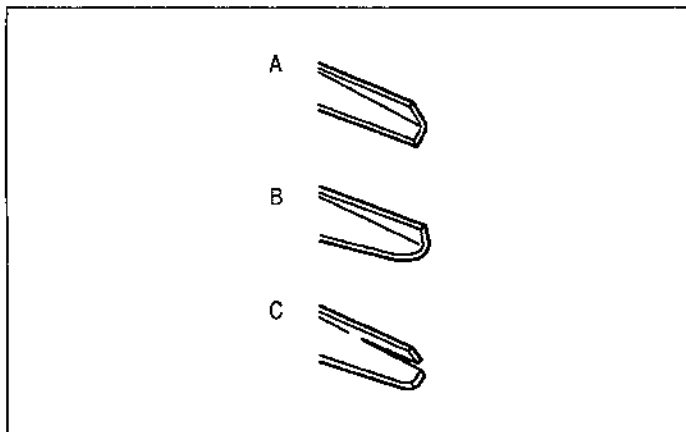
B. Blade with rounded edge

C. Excessively worn blades are very dangerous. Replace with new.



CAUTION: When sharpening blade edges, both ends should be done in same manner or blade becomes unbalanced.

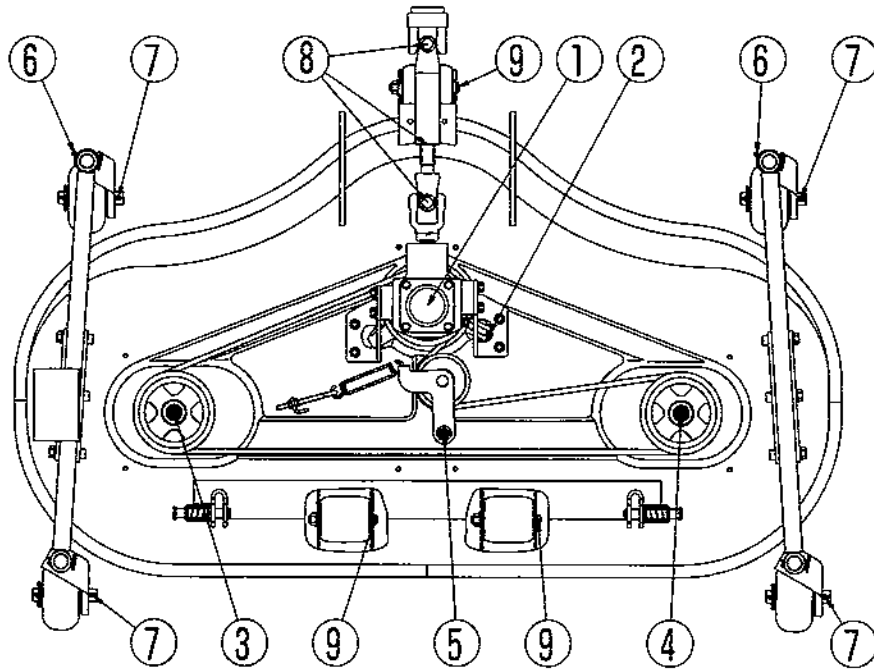
Pass a rod through blade center hole and check to see if blade is balanced properly. If balance is improper, correct it. Unbalanced blades will cause excessive vibration.



FILLING DIAGRAM

All the shafts mentioned below have a grease fitting on their end. Grease them up periodically. The gear case should also be serviced periodically for oil replenishment and replacement.

SMM54



Ref. No.	Filling points	Lubricants	Quantity : litres (Imp. gal.)
1	Bevel gear case	Gear oil SAE 80	0.4 (0.09)
2	Center metal	Grease	inject until grease overflows
3	Side metal		
4	Side metal		
5	Tension arm		
6	Gauge wheel (fork)		
7	Gauge wheel		
8	Drive shaft		
9	Roller pin		

PERIODICAL INSPECTION TABLE

○: Inspection, replenishment, and adjustment △: Cleaning and washing
 ●: Replacement ★: Consult your dealer.

Check points	Pre-operation	Inspection and servicing intervals (hours of operation)					Intervals after that	Judgement criteria
		50	100	150	200	250		
Blade	○							Deformed, broken, worn, and cracked ones should be replaced.
Bevel gear case oil		●	○	○	○	●	Replace after initial 50 h. and then after every 200 h.	Maintain the specified level.
Belt tension	○							Tension (at the 4kg) SCMA48 8mm SCMA54 9mm
Roller and gauge wheels	○							They should turn smoothly.
Belt cover inside		△	△	△	△	△	Clean alter every 50 h.	There should be no grass or dust accumulated.
Belt		○	○	○	○	○	Clean after every 50 h.	Criteria for replacement: • Deep crack over half the thickness of belt. • Worn out side wall canvas
Greasing points		○	○	○	○	○	Grease up after every 50 h.	
Bolts and nuts	○							There should be no loose ones.
Pins and crips	○							There should be no lost or deformed ones.

Important:

- Above mentioned service intervals should be used as reference creteria. If working conditions are harder, earlier service is recommended.
- When special technology and special tools are required, consult your dealers.



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