

OPERATORS HANDBOOK & PARTS

Manual V603683 October 2020

From Machine Serial No T200XF1333



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INTRODUCTION

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PARTS

Illustrations of all mixer components

The Handbook

The contents of this Handbook, although correct at the time of publication may be subject to alteration by the Manufacturers without notice.

Winget Limited operate a policy of continuous product development. Therefore, some illustrations or text within this publication may differ from your machine.

WARNING

The operator must read all the Handbook and fully understand its contents before attempting to operate the machine.

THE HANDBOOK MUST NOT BE REMOVED FROM THE MACHINE.

The Handbook must be kept clean and in good condition. Additional copies of the Handbook can be obtained from your Distributor. These are the original instructions in the English Language issued by Winget Limited to comply with the requirements of Directive 2006/42/EC.

The contents of this Operator's Handbook are designed as a guide to the machine's controls, operation, working capacities and maintenance. It is **not** a training manual.

Only trained operators should use this machine. Contact the C.I.T.B. or equivalent body for advice on training.

In this Handbook are **WARNING** notes. They are preceded by this symbol:



WARNING These notes are used to indicate the procedure being described in the Handbook must be followed to avoid serious injury or death to yourself or to others, or damage to the machine.

> The warnings are also used to protect the machine from unsafe servicing practices.

Pay particular attention to the warnings given in the Handbook.

If you have any doubts about any aspect of the machine's capability or servicing procedures, you must consult the manufacturer.

Warranty terms & conditions

The Manufacturer assures you that if any part of the machine becomes defective due to faulty manufacture or materials within 12 months from the date of purchase, the part will be repaired or replaced under warranty free of charge by any authorised Winget Distributor. Warranty repairs *must* be carried out by Winget Distributors.

This Warranty is given to the first owner and may be transferred to subsequent owners for the balance of the Warranty period.

The Manufacturer's liability only extends to the costs of repair or replacement of the faulty parts and necessary labour charges involved in the repairs. The Company accepts no liability for any consequential loss, damage or injury, resulting directly or indirectly from any defect in the goods.

Items not covered by Warranty and considered to be the customer's responsibility include normal maintenance services; replacement of service items and consumables; replacement required due to abuse, accident, misuse or improper operation; replacement of wearable items e.g. pins, bushes, brake linings, clutch linings etc.

The Warranty will not apply where the equipment is modified, converted, or used for purposes other than those for which it was designed, unless clearance for the modifications etc. have been granted by the Manufacturer, in writing.

The Pre-Delivery Inspection and Warranty Registration Document must be completed correctly and returned to the Manufacturer within 7 days of sale date. Failure to do so may result in the claim being subsequently rejected.

Tyres and tubes are not covered by Warranty, but are covered by the tyre manufacturer's own warranty system which provides against defects in material or workmanship. Engines are covered separately by the engine manufacturers, and engine warranty repairs must be handled by the relevant engine manufacturers' distributors.

No claim will be considered if other than genuine Winget Limited parts, which must be obtained from Winget Limited via an authorised Distributor, are used to effect a repair, or if lubricants other than those recommended by Winget Limited are used.

The equipment must be serviced in accordance with the service schedules laid down by Winget Limited. Evidence that these have been complied with may be required before Warranty Claims are reimbursed.

The Manufacturer's policy is one of continuous improvement. Winget Limited reserve the right to change specifications without notice. No responsibility will be accepted for discrepancies which may occur between specification of machines and the descriptions contained in publications.

Safety is the responsibility of the persons working with this machine. Think "safety" at all times. Read and remember the contents of this Handbook.

MACHINE MODIFICATION

WARNING Any modifications to the machine will affect its working parameters and safety factors. Refer to the Manufacturers before fitting any non-standard equipment or parts.

> The manufacturers accept no responsibility for any modifications made after the machine has left the factory, unless previously agreed by the Manufacturers in writing. The Manufacturers will accept no liability for damage to property, personnel or the machine if failure is brought about due to such modifications, or fitment of spurious parts.

OPERATION

WARNING Only trained operators should use this machine.



Always be aware of local and national regulations governing the use of the machine.

Always ensure that all guards are in position and correctly fitted.

Only authorised persons should be allowed to operate the mixer, or be in the immediate area.

Never add fuel or lubricant to the machine while it is running.

Keep the area around the machine clear of obstructions which could cause persons to fall onto moving parts.

Keep the body and clothing clear of all moving and hot parts.

Always ensure that during operation the mixer is standing on **stable and level** ground and that the wheels are chocked or the handbrake is applied.

Keep the engine housing lid closed when the engine is running.

Always wear PPE (personal protective equipment) when operating this equipment, i.e. gloves, eye protection, ear protection.

The lifting points are designed to be used to lift the equipment for loading or unloading purposes only. Never use the lifting eyes or lashing down points in an attempt to free a machine which may be trapped in mortar or concrete.

ENGINE

WARNING

Starting any diesel engine can be dangerous in the hands of inexperienced people. Operators must be instructed in the correct procedures before attempting to start any engine.

Always obtain advice before mixing oils; some oils are not compatible. If in doubt, drain and refill.

The materials used in the manufacture and treatment of some filters and elements may cause irritation or discomfort if they come into contact with the eyes or mouth and they may give off toxic gases if they are burnt.

Engine lifting eyes must not be used to lift the complete machine.

Ether based cold start aids in aerosol cans must not be used under any circumstances.

EXHAUST GASES CONTAIN CARBON MONOXIDE WHICH IS A COLOURLESS, ODOURLESS AND POISONOUS GAS THAT CAN CAUSE UNCONSCIOUSNESS AND DEATH.

ELECTRICAL SYSTEMS



Starting engines that are fitted with charge windings/alternators which have been disconnected from the battery may cause irreparable damage.

The following points must be strictly observed when charge windings are fitted otherwise serious damage can be done.

Never remove any electrical cable while the battery is connected in the circuit.

Only disconnect the battery with the engine stopped and all switches in the OFF position.

Always ensure that cables are fitted to their correct terminals. A short circuit or reversal of polarity will ruin diodes and transistors.

Never connect a battery into the system without checking that the voltage and polarity are correct.

Never flash any connection to check the current flow.

Never experiment with any adjustments or repairs to the system.

The battery and charge windings/alternators must be disconnected before commencing any electric welding when a pole strap is directly or indirectly connected to the engine.

BATTERIES CONTAIN SULPHURIC ACID, WHICH CAN CAUSE SEVERE BURNS AND PRODUCE EXPLOSIVE GASES. If the acid has been splashed on the skin, eyes or clothes flush with copious amounts of fresh water and seek immediate medical aid.

SERVICING & MAINTENANCE

WARNING

Never allow unqualified personnel to attempt to remove or replace any part of the machine, or anyone to remove large or heavy components without adequate lifting equipment.

Before maintenance work is begun, ensure that the engine is stopped and the starting handle or start key removed to prevent un-authorised start up.

Always conform to service schedules except when an emergency calls for immediate action, or adverse conditions necessitate more frequent servicing.

Always report any defect at once, before an accident or consequential damage can occur.

On completion of maintenance, check that the machine functions correctly, and that all guards are correctly fitted.

Disposal of waste oil. Dispose of waste oil into waste oil storage tanks. If storage tanks are not available, consult your Distributor or local authority for addresses of local designated disposal points. It is illegal to dispose of waste oil into drains or water courses, or to bury it.

DECALS

Ensure that all warning decals fitted to the mixer are legible. If any should become detached, they must be replaced immediately.

Descriptions of the pictorial decals are as follows:

Fuel tank filling point.



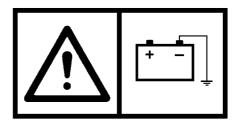
Attach lifting hooks to this eye.



Read Operators Handbook, or Operators Handbook storage place.



The battery negative terminal is connected to eath.



Remove starting handle.



WHEN MACHINE UNATTENDED REMOVE STARTING HANDLE TO PREVENT UNAUTHORISED USE.

Beware of electrical hazards.



Engine stop.



ENGINE STOP UNDER ENGINE COVER.

Keep clear of chain drives.





These surfaces may be hot.





Keep hands clear of drum.





Battery isolator.



BATTERY ISOLATOR
ISOLATING THE BATTERY WITH
THE ENGINE RUNNING EXCEPT
IN CASES OF EMERGENCY WILL
LEAD TO DAMAGE TO THE
VEHICLE ELECTRICAL SYSTEM

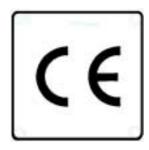
Wear ear protection.



Wear eye protection.



Conforms to EC standards.



ISO 8999 safety symbols used with Lister/Petter engines



Read the handbook



Stop control (on engine)



Diesel fuel fill



Engine oil fill



Engine oil level



Engine oil pressure



Anti-clockwise rotation



Clockwise rotation



Lifting eye - engine only



On



Off



Pre-heat

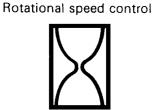




Linear speed control



Tachometer



Elapsed hours



Battery charging



Engine cranking



Electrical hazards



General hot surface warning

Lashing down & lifting points

General

Care should be taken when lifting or transporting the mixer to ensure that lifting or retaining straps are in good condition and the following procedures must be followed when lifting or lashing down to avoid causing unnecessary damage.

It is recommended that chains or webbing slings are used to lift the mixer via the lifting eyes on the trunnion (A) and that ratchet type webbing straps are used to lash the mixer down.



If the mixer is on site and the wheels are immersed in dried concrete or mortar the wheels must be freed before attempts are made to lift the mixer.

Using the tilting handwheel and locking plunger, lock the drum upside down as illustrated.

To prevent the drawbar swinging freely as the mixer clears the ground, turn it through 180° and hook it to the stowage point below the mainframe

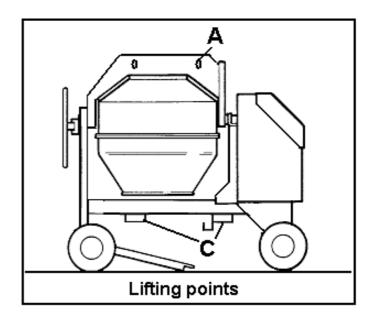
Attach suitable lifting equipment to the lifting eye (A) and slowly take the weight.

Do not 'snatch' the mixer otherwise damage may be caused to the lifting eye, lifting equipment or to the mixer itself.

Be aware that the mixer will tend to swing as it clears the ground.

Lifting the Mixer (Forklift/Telehandler)

If the wheels are immersed in dried concrete or mortar, free them before attempting to lift the mixer.



Using the tilting handwheel and locking plunger, lock the drum upside down as illustrated.

To prevent the drawbar swinging freely as the mixer clears the ground, turn it through 180° and hook it to the stowage point below the mainframe **(B)**.

Spread the fork tines and carefully position them so that they pass through the brackets **(C)** that are attached to the mainframe.

Position the carriage as close as possible to the mixer

Slowly tilt the carriage back slightly to prevent the mixer rocking forward, then raise the mixer just clear of the ground.

Do not raise the mixer unnecessarily high. Keep the height to the minimum required to clear any obstructions without unduly obstructing your forward vision.

When travelling keep your speed to the minimum and when loading vehicles do not raise the mixer to the height of the bed until the mixer is close to the vehicle.

Similarly when unloading vehicles lower the mixer just clear of the ground as soon as it clears the side of the vehicle.

Lashing down

The drum should be locked in the upright position, as illustrated, to keep the centre of gravity as low as possible.

It is recommended that unless the mixer is pulled up against a headboard or some form of substantial wheel chocks that two ratchet type webbing straps are used to retain the mixer, one pulling to the rear and one pulling to the front.

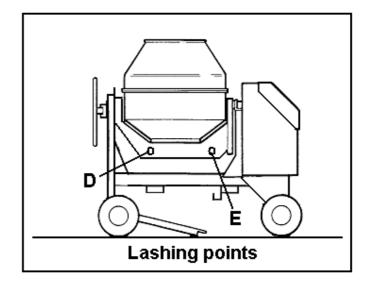
Position the mixer on the vehicle bed and chock the rear wheels to prevent it rolling until lashed down.

Turn the front axle so that the drawbar is below the mixer and hook it to the stowage point below the mainframe.

Pass one of the webbing straps through the holes in the trunnion at point **(D)** and secure the strap down to retaining hooks on the vehicle bed in front of the mixer.

Pass the second strap through the holes in the trunnion at point **(E)** and secure the strap down to retaining hooks on the vehicle bed to the rear of the mixer.

Tighten the straps by means of the ratchets until the mixer is securely held.



Installing the mixer on site

Incorporated into the mainframe and trunnion are lifting points. These are provided to assist with loading unloading the mixer and for transportation across site.

WARNING

For mixer weights, see "Specifications"

Never carry mixers by their lifting points on public roads.

Do not tow mixers across uneven ground.

The ground on which the mixer is operated must be level and stable. Ensure that the wheels are properly chocked.

Engine operation



WARNING As soon as the engine has started the mixing drum will begin to rotate.

Before starting the engine:

Ensure the engine and drum are free to turn without obstruction.

Check that the lubricating oil level is correct. The oil sump must be filled to the 'full' mark on the dipstick; do not overfill.

Check that the fuel supply is adequate and the system is primed.

Check that the starting handle is in good condition and clean

Electric key start machines only:

Ensure that the battery is connected, fully charged and serviceable.

Engine Safety



WARNING The following pages of engine operating instructions are of a general nature and should be read in conjunction with, or substituted by the engine Manufacturer's instructions.

> Starting any diesel engine can be dangerous in the hands of inexperienced people.

Before attempting to start any engine the operator should read the 'Safe Working' section of this book and be conversant with the use of the engine controls and the correct starting procedures.

ETHER BASED COLD START AIDS IN AEROSOL CANS MUST NOT BE USED UNDER ANY CIRCUMSTANCES.

EXHAUST GASES CONTAIN CARBON MONOXIDE WHICH IS A COLOURLESS. **ODOURLESS AND** POISONOUS GAS THAT CAN CAUSE UNCONSCIOUSNESS AND DEATH.

OPERATION

LV1-910 engines

Description

- A Dipstick
- **B** Lubricating oil filler
- **C** Engine control
- **D** Decompressor lever
- F Fuel tank



The cold start aid is fitted to the combustion air intake port and is used when the ambient temperature is below -10 deg.C (14 deg.F).

With the fuel turned on, turn the engine for up to 20 revolutions to prime the fuel and lubrication systems.

Withdraw the plunger (A) and fill one third of the cup (B) with the same type of lubricating oil as used in the engine.

Replace the plunger and inject the oil just before starting the engine.



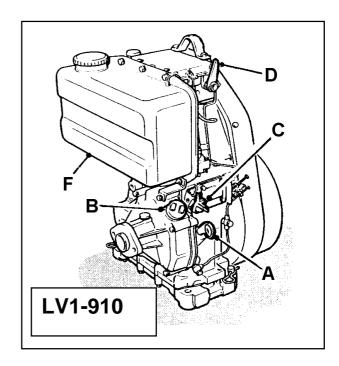
WARNING The device must not be used more than three times in succession during the same attempt to start the engine.

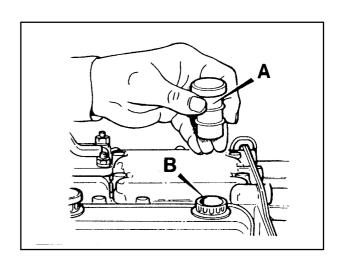
The starting handle(s)

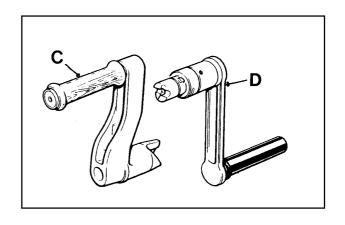
A non-limited kick-back handle (C) or limited kick-back handle (D) system may be fitted to the engine.

The two handles are not interchangeable and care must be taken to ensure the correct type is retained with the engine.

Always use the correct starting handle which has been designed for the engine.







Ensure there are no burrs on the handle.

Before attempting to use the handle, clean and lightly oil that part of it which fits onto the engine.

Hand starting the engine

Select the excess fuel position by gently pulling the engine control lever (L) outward over the middle catch (M) and turning it fully clockwise.

Move the decompressor lever towards the flywheel (N).

Insert the correct handle (See: 'Starting handles') into the starting housing.

Turn the engine slowly for up to 20 turns to prime the combustion chamber and lubricating oil system.

Maintaining a firm grip on the starting handle, crank the engine really fast and when sufficient speed is obtained move the decompressor lever towards the gear end and continue to crank until the engine fires.

Retain a firm grip on the handle and remove it from the engine.

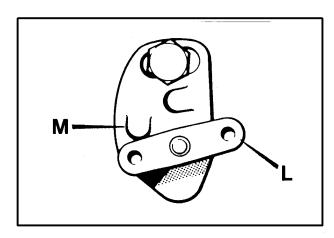
Turn the engine control lever (L) anti clockwise to the normal running position at (M).

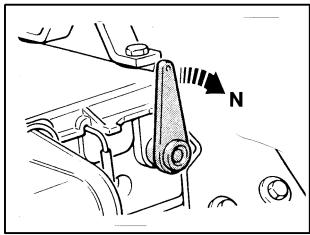
Close the engine lid and ensure that it stays closed while the engine is running.

WARNING Do not stop the engine with a load in the drum.

Stopping the engine

Turn the engine control anti-clockwise to the STOP position and hold it there until the engine comes to rest.







Never stop the engine by using the decompressor lever, or valve damage may occur.

Yanmar L48ARE-SE/L48N5SJ1 /L48V5V

Description

A Fuel cock

B Engine speed lever

E Starting key

Electric starting the engine

Open the fuel cock **(A).** Put the engine start lever to the RUN position **(B).**

Turn the starting key **(E)** clockwise to START position.

Remove your hand from the key as soon as the engine starts.

If the engine does not start after 10 seconds, wait for another 15 seconds before attempting to start again.

WARNING



If the starter motor is turned for too long, the battery will go flat and motor seizure will occur. Always leave the starting key turned on, in the ON position, while the engine is running.

Check monthly that the battery fluid is at the correct level.

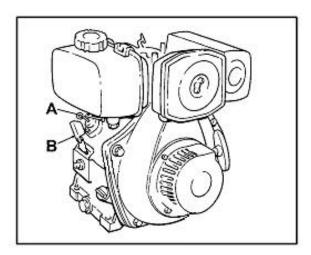
Cold Starting, NOT L484V5V

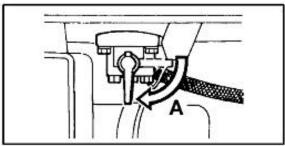
In cold weather, if the engine is hard to start, remove the rubber plug of the rocker arm cover and add 2cc of engine oil before starting. Do not add more than 2cc of engine oil to prevent internal engine damage.

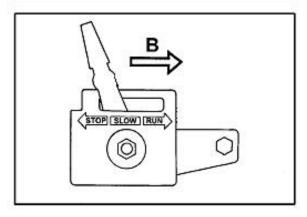
WARNING

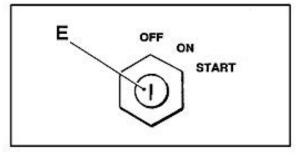


Never use any cold starting aids such as ether (Easy start), gasoline, paint ether or other volatile liquid or gas.









Keep the rubber plug in the cover except when adding oil. If the plug is not in place, rain, dirt and other contaminants may enter the engine and cause accelerated wear of internal parts.

Yanmar L48ARE-SE/L48N5SJ1 /L48V5V

Stopping the engine

Return the engine speed lever to the STOP position by depressing the red button on the stop control to release this control into the STOP position.

With electric-start engines, turn the starter key to the OFF position.

Set the fuel cock lever to the CLOSED position.

Slowly pull out the recoil handle until pressure is felt (that is, to the point in the compression stroke where the intake and exhaust valves are closed), and leave the handle in this position. This prevents rust from forming while the engine is not in use due to condensation.



If the engine keeps on running even after the speed lever is placed at STOP position, stop the engine by closing the fuel cock.

Do not stop the engine with the decompression lever.

Emergency Stop Cable (where fitted)

In the event of an emergency pull the emergency stop cable located on the RH side of the engine housing

Yanmar L48ARE-SE/L48N5SJ1 /L48V5V

Manual starting in the event of a flat battery

Description

- A Fuel cock
- **B** Engine speed lever
- C Decompression lever
- D Recoil starting handle



Open the fuel cock (A).

Put the engine start lever to the RUN position (B).

Turn the start key to ON.

Pull out the recoil starting handle **(D)** slowly until you feel a strong resistance, then return it to the initial position.

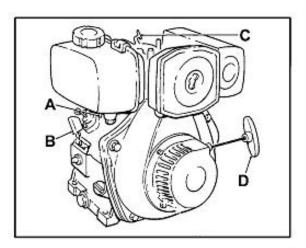
Push down the decompression lever **(C)**. It will return automatically when the recoil starter is pulled.

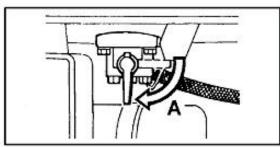
Grip the recoil starting handle **(D)** firmly with both hands. Pull the rope hard and fast. Pull it all the way out.

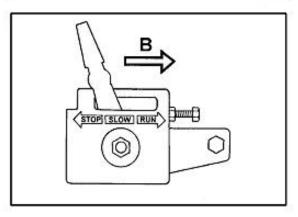
The engine should now have started. If it has not, repeat the procedure.

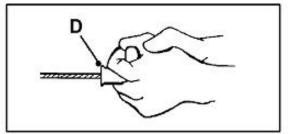
Cold Starting, NOT L48V5V

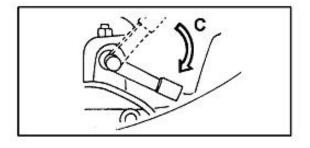
In cold weather, if the engine is hard to start, use the same cold start procedure as described on page 2.4.











Before mixing

The operator must calculate the correct percentages of water and aggregates to be mixed.

WARNING



Cements can cause skin irritation; wear protective clothing.

Mixer drum positions

The locking plunger (54) holds the mixing drum in one of the following positions Charge and Mix (1) or Discharge (2).

To release the handwheel: Rotate the plunger (A) until the cross-pin (B) aligns with the slot (C), then pull the plunger outwards (D).

To lock the handwheel: Align the plunger with the appropriate hole in the frame, then push **(E)** and rotate the plunger until the cross-pin is vertical **(F)**.

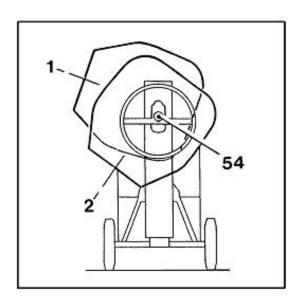
Mixing

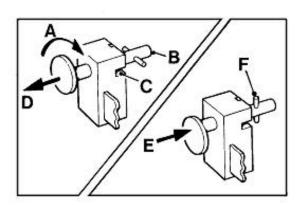
Turn the drum to *Charge and Mix* position **(1).**

With the mixer running; charge the drum with the correct percentages of water and aggregates, then allow mixing to continue for about two minutes.

Ensure that a suitable container has been positioned by the side of the mixer to catch the discharging load.

Turn the drum to *Discharge* (2), and allow the load to run into the container.





At the end of the working day

- **A** Thoroughly clean out the mixing drum with water and gravel.
- **B** Stop engine, and remove the starting handle and or start key to prevent unauthorised use of the machine.
- **C** Grease the machine.
- **D** If the mixer has a diesel engine, fill the fuel tank.
- **E** Ensure the mixer is secured to prevent theft

SERVICE SCHEDULE

(See also the relevant Engine Workshop Manual)

YANMAR ENGINES

For servicing Yanmar engines, see the engine 'Operation Manual'

Every day		'Operation Manual'
Links & hinges:	Lubricate.	
Shafts & bearings:	Lubricate.	
Engine: (see Engine Manual)	Check fuel and lubricating oil levels. Check for oil and fuel leaks. Clean/replace air cleaner element under very dusty conditions	

Every week (or 50 hours running) The above and following items			
Nuts, bolts and keys.	Tighten (Each week for first month).		
Drive chains & Belts:	Lubricate & check tension, check V belt tension on ES engines.		
Drum Bevel Gears:	Lubricate with open gear fluid.		

Every 125 hours. The above and following items		
Engine: Clean/replace air cleaner element under moderately dusty conditions.		
Battery (where fitted):	Check condition.	

Every 250 hours. The above and following items			
Nuts, bolts & keys:	Tighten.		
Engine: Change lubricating oil.			
	Check valve clearance. (see Engine Manual).		
Clean/replace injectors if exhaust is dirty. (see Engine Manual)			
	Renew fuel filter element if the fuel is not perfectly clean.		

Every 500 hours. The above and following items		
Engine:	Replace air cleaner element. Check exhaust and induction for leaks, damage or restrictions. Renew fuel filter element. Check battery charge winding system. (see Engine Manual)	

Every 1000 hours. The above and following items				
Engine: Decarbonise if the engine performance has deteriorated.				
(see Engine Manual) Clean cylinder barrel and head fins.				
Clean restrictor banjo union at the cylinder head end of the oil feed pipe.				
	Flush and refill fuel tank.			

Every 5000 hours. The above and following items		
Engine:	Major overhaul, if necessary. (see Engine Manual)	

SERVICING PROCEDURE

Greasing and lubrication

WARNING It is essential that oils and grease used for servicing do not become contaminated with sand or cement dust.

Every day

Apply a little engine oil to pins, joints and hinges etc. to ensure that they move easily and are free from corrosion.

Shafts and bearings fitted with grease nipples must be greased using a good quality medium grease.

Bearings must not be allowed to run dry. When greasing it is better to give a little frequently rather than a lot at long intervals.

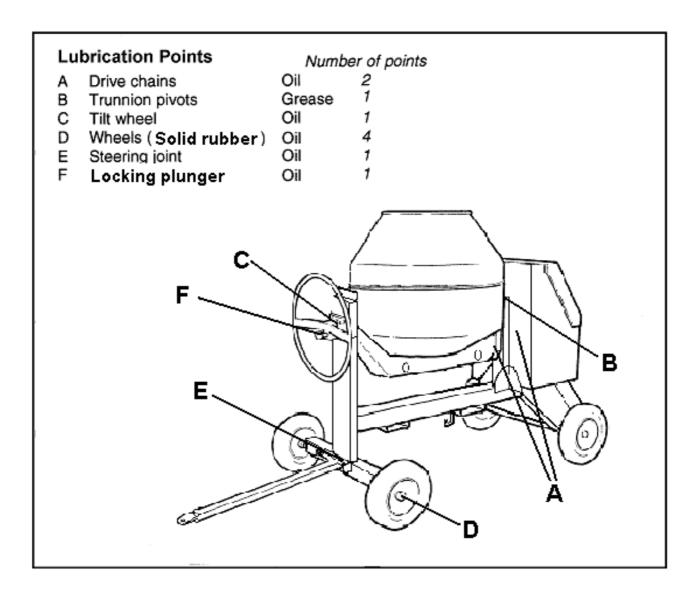
Drum drive

Every week (or 50 hours running)

Lubricate drive chains (A) with a little engine oil. (Do not oil the belts of Yanmar engined machines.)

Check the tension of the chains and adjust if necessary as follows:

- 1 On the slack side of the chain there should be free movement equal to the length of one pitch of the chain.
 - i.e. If the pitch of the chain is 20mm. then the movement on the slack side should be 20mm.
- 2 Never over-tighten the chain as this will put excessive strain on engine bearings causing vibration and wear.



Bolt torques

Every week for the first month, then every three months

Check the tightness of all bolts, nuts, and keys etc. Pay particular attention to engine mounting bolts.

Engine, general servicing

Under very dusty conditions, air cleaners, lubricating oil and fuel filters will require more frequent attention. (see the "Service Schedule" on page 3.1)

WARNING



The materials used in the manufacture and treatment of some filters and elements may cause irritation or discomfort if they come into contact with the eyes or mouth and they may give off toxic gases if they are burnt.

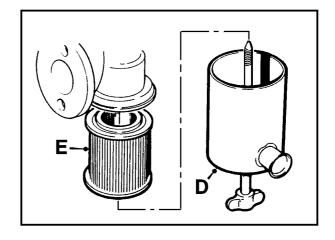
Air cleaner

Every day or 125 hours (see schedule)

Change the LV1-910 air cleaner as follows:

Remove the cover **(D)** by removing the centre bolt.

Remove the old element **(E)** and fit a new one.



Engine lubrication oil

Every day

Check lubrication oil level with the dipstick. Top up if necessary.

Every 250 hours

Drain and refill the oil sump as follows:



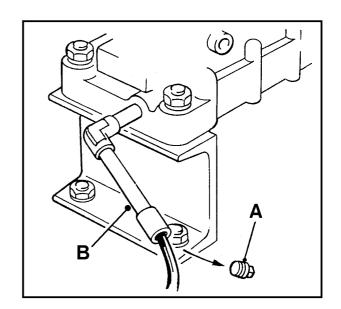
Dispose of waste oil into waste oil storage tanks. If storage tanks are not available, consult your Distributor or local authority for addresses of local designated disposal points. It is illegal to dispose of waste oil into drains or water courses, or to bury it.

Oils and fuels can cause skin irritation. Wear suitable protective clothing to prevent skin contact.

If possible run the engine immediately before draining the oil.

Place a suitable container under the drain plug. Remove the drain plug (A) and drain oil.

Replace the drain plug **(A)** taking care not to overtighten it.



Fuel filter

Every 250 hours or 500 hours (see schedule)

Before changing the filter read the warnings in the "Safe working" section of this handbook.

Change LV1-910 fuel filters as follows:

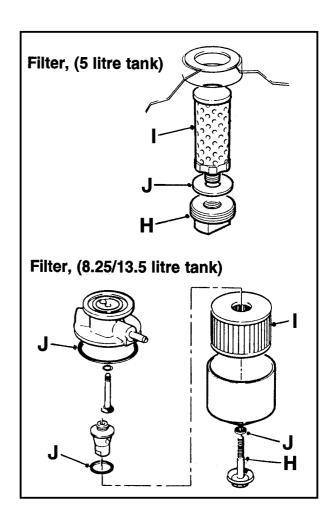
Remove the retaining bolt or plug (H).

Remove the old element (I) and joints (J).

Fit a new element and new joints.

Replace and tighten the retaining bolt or plug **(H).**

Prime the fuel system.



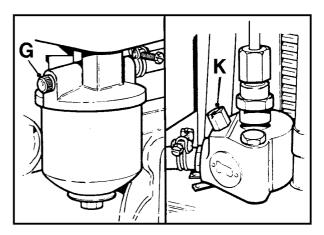
Prime LV1-910 fuel system as follows:

Fill the fuel tank.

Move the engine control lever to the 'RUN' position.

Vent the filter through bleed screw (G) until a full air free flow of fuel is obtained.

Vent fuel through the pump bleed screw **(K)** until a full air free flow of fuel is obtained.



Battery



WARNING BATTERIES CONTAIN SULPHURIC ACID WHICH CAN CAUSE SEVERE **BURNS AND PRODUCE** EXPLOSIVE GASES.

> If the acid has been splashed on the skin, eyes or clothes flush with copious amounts of fresh water and seek immediate medical aid.

Check the battery as follows:

Wear protective gloves and goggles.

Clean the top of the battery filler plug area.

Remove the filler plugs and check that the electrolyte level is 6.0-9.0mm (0.25-0.37in) above the tops of the separators.

If necessary top up with distilled water.

In cold weather distilled water should only be added immediately before running the engine.

Replace and tighten the filler plugs.

Check that the terminal connections are tight; petroleum jelly will help to protect them from corrosion.

Mixer drum assembly

The drum is manufactured in two halves joined together by a drum clip. This allows either half to be replaced separately.

Some export machines are delivered with the drum cone and blades detached. This is to aid shipping.

There are two methods of reassembling the two halves of the drum, they are:

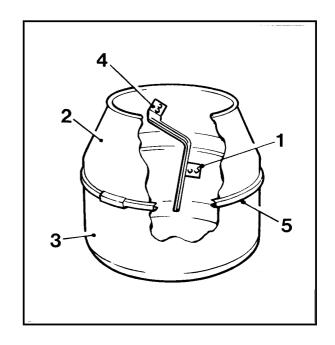
1 Assembling drum using special clamping tool.

(The special clamping tool, number 513204000 can be obtained from any Winget distributor.)

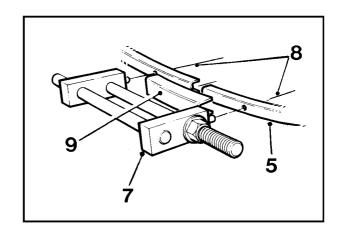
- A Bolt the two blades into the drum base **(1).** Tighten the bolts with fingers only.
- B Smear silicone sealant around the mating flanges of the cone (2) and drum base (3). (see 'Specifications' for mixer drum sealant)

WARNING When applying silicone sealer, prevent contact with skin by wearing suitable gloves.

- C Lift the cone (2) over the blades and position it on the drum base (3).
- **D** Turn the cone until the two holes at the top of each blade (4) align with the holes in the cone. Fit bolts and tighten with fingers only.
- E Smear silicone sealant around the inside face of the drum clip (5) (leave 150mm each end of the clip clear of sealant to avoid risk of fire when welding).
- F Locate the drum clip around the periphery of the drum base and cone flange.

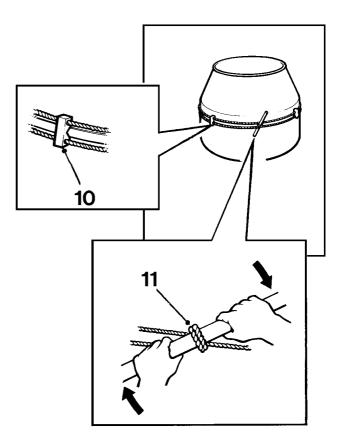


- **G** Locate the clamping tool **(7)** into the two holes **(8)** of the drum clip. Tighten the tool securely using a suitable spanner.
- H Centralise the bridge piece (9) on the drum clip between the jaws of the clamping tool.
- 1 Weld the bridge piece (9) to the drum clip (5). Remove the clamping tool (7).
- **J** Tighten securely all of the blade fixing bolts.



2 Assembling drum using a tourniquet.

- A If the special clamping tool is not available a tourniquet can be used as illustrated by looping a length of rope through four blocks of wood (10), each block having a vee cut, and two holes to take the rope.
- **B** Twist the rope around a bar (11) to tighten the drum clip.
- **C** All other aspects of the assembly are the same as "Assembling the drum using special clamping tool".



Mixer drum drive overhaul

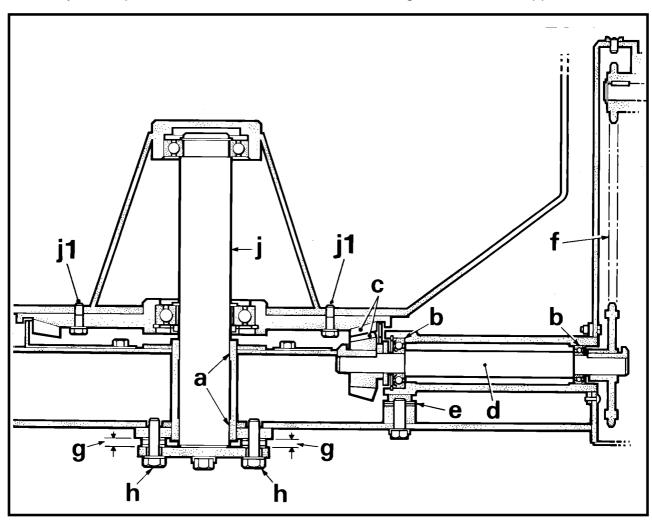
On reassembling the drum drive, after an overhaul, the following points must be observed:

Note: It is important to pack all sealed bearings with grease prior to assembly.

- A Coat with an anti-seize compound the drum shaft (j) at points (a), and the screws (j1).
- **B** The bearings **(b)** on either end of the bevel pinion shaft **(d)** are sealed for life and therefore require no maintenance after initially packing with grease.
- **C** The bevel gears **(c)** are to be coated liberally with Open Gear Fluid.

- **D** The bevel pinion assembly **(d)** must be set horizontally in the trunnion. Do this as follows:
 - Ensure that the drive chain **(f)** is correctly adjusted, then set the bevel pinion assembly **(d)** horizontal by adjusting shims **(e)**.
- **E** To adjust the mesh of the bevel pinion gears proceed as follows:

Allow the bevel gear to sit fully in mesh with the bevel pinion. Check the number of washers required to fill the gap (g) between the drum shaft flange and the trunnion face. Remove one washer from each side, fit screws (h) and tighten. Backlash approx. 3mm max.



Lubricants

Mixers are factory filled with the following TOTAL oils.

Engine,	LV1-910:	lubricating oil	Rubia B 10W/30	1.3 litres
	Yanmar L48:	lubricating oil	Rubia B 10W/30	0.8 litres
	Note: In cold	weather engines	are to be filled with 10W	oil to aid starting.
	LV1-910: fue	I		5.0 or 8.25 litres
	Yanmar L48:	fuel		2.5 litres

Drive chains	Rubia B 20W/30
Bevel gears	Open gear fluid
Drum shaft	Anti-seize compound
Grease nipples	Multis EP 2
Linkages, hinges, bushes, pins, wheels	Rubia B 20W/30

Noise levels of mixers

(Measured in accordance with EC Directive 2000/14/EC)

LPA 83	LWA 102	Lister-Petter LV1-910
LPA 80	LWA 101	Yanmar L48 ARE-SE/L48N5SJ1/L48V5V

Drum speed Handbrake

22 rpm (approx.) Tested to hold on a 5° & 10° slope with 600Kg of test weights applied

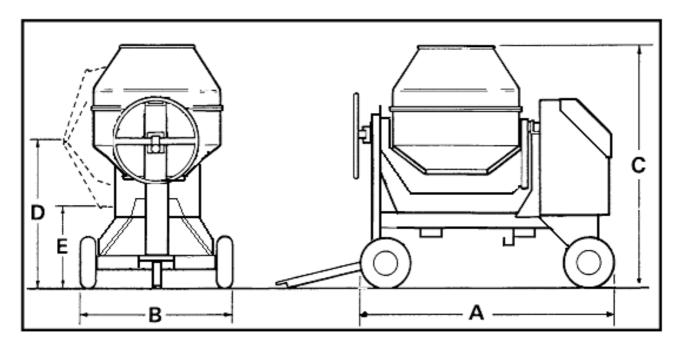
Mixer drum sealant

Silicone sealant	(part number V2000772)
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Lister Petter & Yanmar Engines

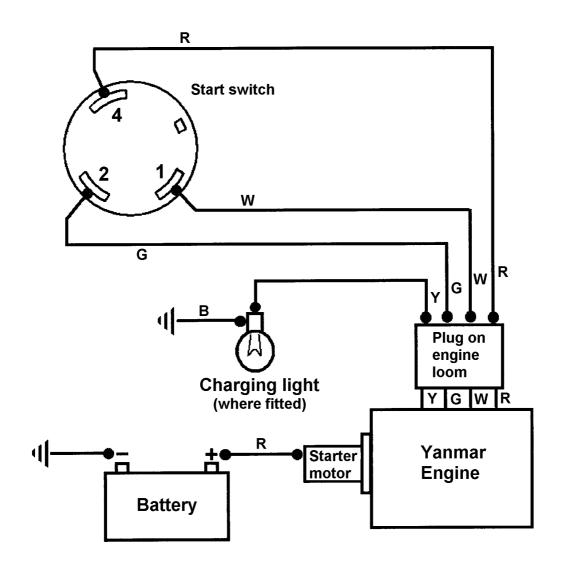
Lister-Petter LV1-910	Yanmar L48 ARE/L48N5SJ1/L48V5V
(Standard)	(Option)
3 kW (4 hp) @ 1500 rpm	2.5kW (3.4hp) @ 3000 rpm

Dimensions



A Overall length	1980 mm
B Overall width	1110 mm
C Overall height	1815 mm
D Loading height	1220 mm
E Discharge height	510 mm
Weight (approx)	585 kg (LV1) 500 kg (L48)

Yanmar L48 ARE-SE/L48N5SJ1/L48V5V key start wiring circuit In addition to the circuit shown below, the engine is fitted with its own loom. (see Yanmar service literature)



Wire colours

R Red

B Black

G Green

W White Y Yellow

NOTE: Wire identification

The red wire to the battery is much thicker than the red wire to the start switch.

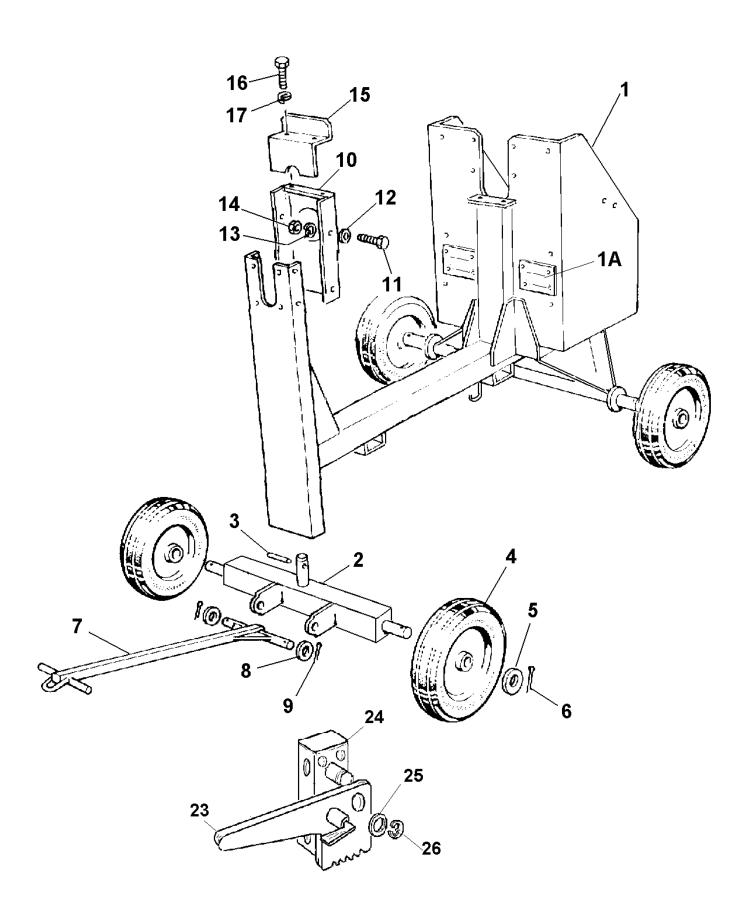


Mixers manfactured from serial number T200XF1333

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A - 1	MAINFRAME & FRONT AXLE
A - 2	PANELS
B - 1	DRUM
B - 2	TILT WHEEL
B - 3	TRUNNION
B - 4	DRUM DRIVE
C - 1	LISTER- PETTER LV1-910 engine
C - 2	YANMAR L48ARE/L48N5 electric start engine
C - 2A	YANMAR L48V5VSJ1 electric start engine
	(EU Stage 5 Emission Compliant)
C - 3	ELECTRICS for Yanmar engine
C - 4	CABLE emergency stop, L48N5SJ1/L48V5V
D - 1	DECALS & PLATES
D - 2	SPECIAL TOOLS

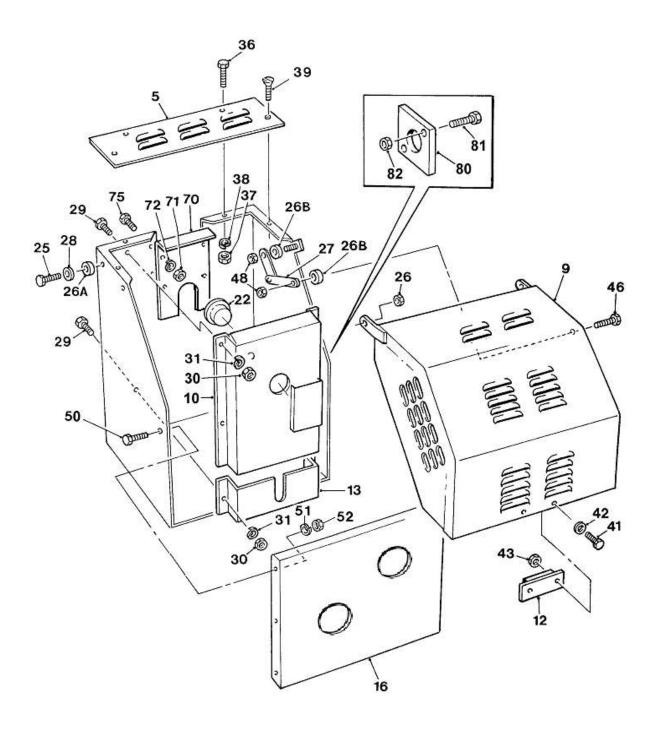
A - 1 200T Mixer



MAINFRAME & FRONT AXLE

Item	Part no	Serial no	Description	Qty
1 1A 1B 1C	513365000 513371700 11S02A 17S03	1590/	MAINFRAME PLATE, vent SCREW, set WASHER, spring	1 2 8 8
2 3 4 5 6 7 8 9	513367100 353830650 475115000 10S09 44S05G 513341200 10S17 44S03D		AXLE, front PIN, spirol WHEEL, solid rubber 400mm dia WASHER, flat PIN, split BAR, towing WASHER, flat PIN, split	1 4 4 4 1 2 2
10 11 12 13 14	513198401 11S04B 267S06 17S05 7S04		GUARD, tlt wheel lower SCREW, set WASHER, flat WASHER, spring NUT	1 4 4 4 4
15 16 17	513198402 11S02B 17S03		GUARD, tilt wheel upper SCREW, set WASHER, spring	1 2 2
18 19 20 21 22	513371000 11S04D 267S06 17S05 7S04	1526/	PLATE, handbrake mounting (not illustrated) SCREW, set WASHER, flat WASHER, spring NUT	1 2 4 2 2
23A 24 24A 24B 24C	513370700 513370800 513370600 11S04C 17S05 267S06 10S18 132412010		LEVER, handbrake assembly CATCH, sprung PIVOT, bracket SCREW, set, not illustrated WASHER, spring, not illustrated WASHER, flat, not illustrated WASHER, flat CIRCLIP	1 1 2 2 2 1 1

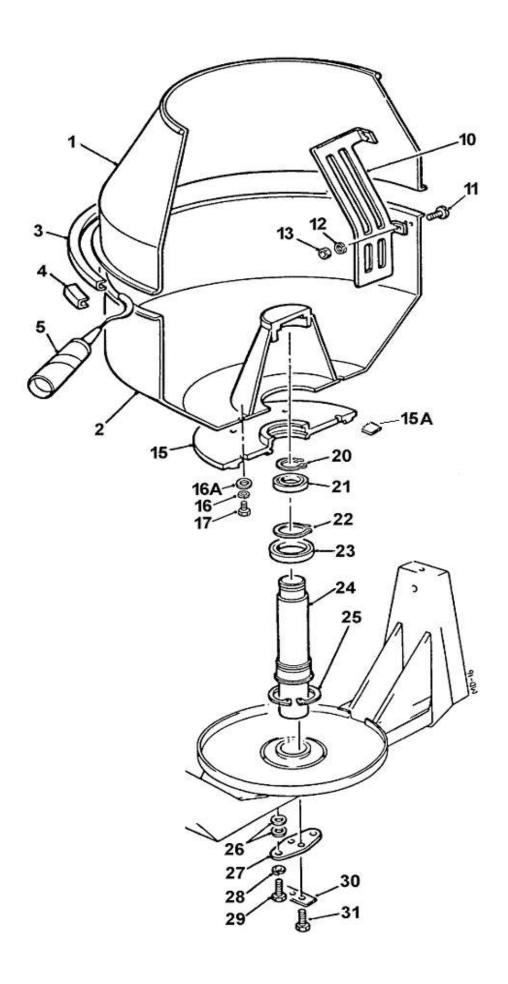
A - 2 200T Mixer



PANELS A - 2

Item	Part no	Serial no	Description	Qty
9 10 10A	513287000 513286800 513248700 513371400 513205300 513266900	/1601 1602/	TOP PLATE, engine housing LID, engine housing GUARD, chain/belt, not L48V5VSJ1 GUARD, belt L48V5VSJ1 STOP, rubber GUARD, sprocket diesel, LV1 Engine	1 1 1 1 1
	513270300 241859000		PLATE, closing PLUG, polythene	1 1
26 26A 26B 27 28 29	11S04F 59S03 555170000 513340800 513287200 267S06 11S04B 7S04 17S05		SCREW, set NUT, nyloc SPACER SPACER STAY, housing lid WASHER, flat SCREW, set NUT WASHER, spring	2 2 2 2 1 2 6 6 6
36	11S02A		SCREW, set	2
37	7S02		NUT	4
38	17S03		WASHER, spring	4
39	52S02C		SCREW, c'sunk socket head	2
41	11S02A		SCREW, set	2
42	267S04		WASHER, flat	2
43	61S02		NUT, Binx, self locking	2
46	6S02E		BOLT	1
48	87S02		NUT, Binx, self locking	2
50	11S03A		SCREW, set	6
51	17S04		WASHER, spring	6
52	7S03		NUT	6
	513368600 7S04 17S05 11S04B		PLATE, infill NUT WASHER, spring SCREW, set	1 4 4 4
80	513362600		PLATE (with Yanmar engines)	1
81	11S02C		SCREW, set (with Yanmar engines)	2
82	61S02		NUT, Binx (with Yanmar engines)	2

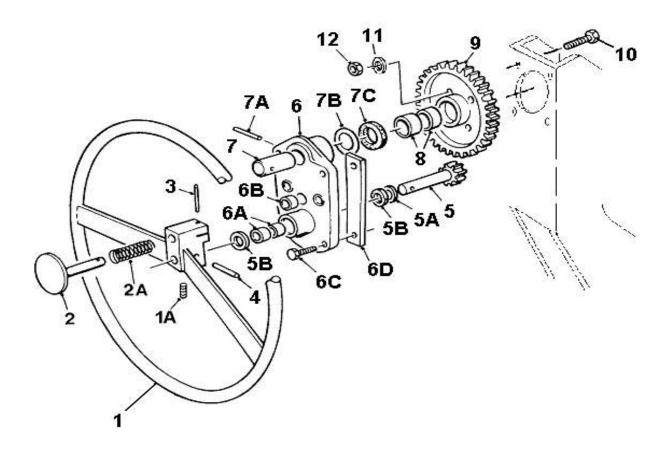
B - 1 200T Mixer



DRUM B - 1

1 513323902 DRUM, top 1 2 513324000 DRUM, base 1 3 513324100 CLIP, drum 1 4 513324200 BRIDGE PIECE 1 5 V2000772 ADHESIVE, flexible tube 1 10 513324300 BLADE 2 11 16809D SCREW, slottted panhead 8 12 17S05 WASHER, spring 8 13 7S04 NUT 8 15 513305200 GEAR, drum drive 1 15A 513371201 PACKER, shim, 0.5mm AR 15B 513371202 PACKER, shim, 1.0mm AR 15C 513371203 PACKER, shim, 2.0mm AR 1617S06 WASHER, spring 6 16A 267S07 WASHER, flat 6 17 11S05D SCREW, set 6 20 132760000 CIRCLIP 1 21 88S42D BEARING 1 22 132775000 CIRCLIP 1 23 88S45D BEARING 1 24 513310100 SHAFT, drum 1 25 132313000 CIRCLIP 1 26 267S09 WASHER, flat, thick 3mm AR 26A 267S20 WASHER, shim, 0.5mm AR 26B WASHER, shim, 0.5mm AR 26B WASHER, shim, 0.5mm AR 26C WASHER, flat, thick 3mm AR 26A 267S20 WASHER, flat, thick 3mm AR 26B WASHER, shim, 0.5mm AR 27 513310600 PLATE 1 28 17S08 WASHER, spring 2	Item	Part no	Serial no	Description	Qty
2 513324000 DRUM, base 1 3 513324100 CLIP, drum 1 4 513324200 BRIDGE PIECE 1 5 V2000772 ADHESIVE, flexible tube 1 10 513324300 BLADE 2 11 16809D SCREW, slottted panhead 8 12 17805 WASHER, spring 8 13 7804 NUT 8 15 513305200 GEAR, drum drive 1 15A 513371201 PACKER, shim, 0.5mm AR 15B 513371202 PACKER, shim, 1.0mm AR 15C 513371203 PACKER, shim, 2.0mm AR 16A 267507 WASHER, spring 6 16A 267507 WASHER, flat 6 20 132760000 CIRCLIP 1 21 18842D BEARING 1 24 513310100 SHAFT, drum 1 25 132313000 CIRCLIP 1 26 267509 WASHER, flat, thick 3mm AR <					
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27 513310600 PLATE 1				•	
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ZO 17 SUO WASHER, SUIIIU Z					
29 11S06H SCREW, set 2					
30 513326300 WASHER, locking strip 1					
31 11S06E SCREW, set 2				<u> </u>	

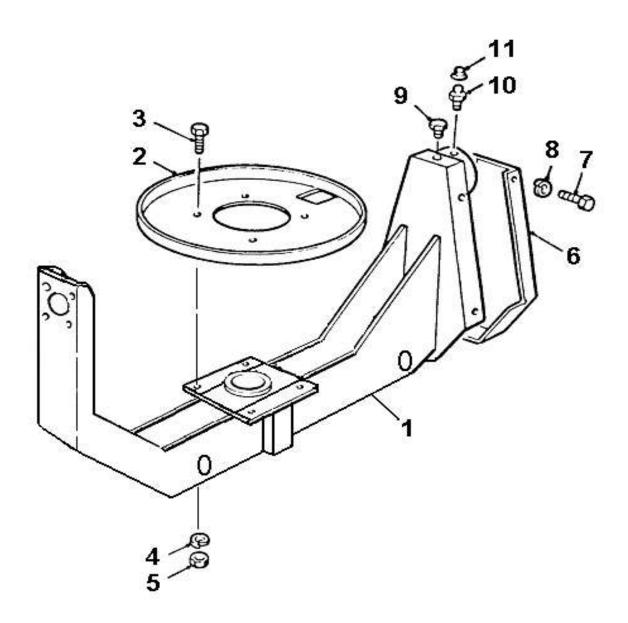
B - 2 200T Mixer



TILT WHEEL B - 2

Item	Part no	Serial no	Description	Qty
1	513345400		HANDWHEEL	1
1A	57S06F1		SCREW, grub	1
2	513194400		PLUNGER, locking	1
	513345300		SPRING	1
3	54S01A		PIN, spirol	1
4	513374900		PIN, grooved	1
5	513345600		PINION, tilting	1
5A	10S18		WASHER, flat	1
5B	225514220		SEAL, felt	2
6	513149400		BRACKET, tilting	1
6A	112821000		BUSH	2
	114625320		BUSH	3
	103S04C		SCREW, socket head cap	4
6D	513212300		PLATE, retaining	2
7	513151000		STUB, trunnion journal	1
7A	55S07Q		PIN, spirol	1
7B	10S09		WASHER, flat	A/R
7C	225520280		SEAL, felt	1
8	112820000		BUSH	2
9	513149300		GEAR, tilting	1
10	6S03E		BOLT	4
11	10S03		WASHER, flat	4
12	107S14		NUT, nyloc self locking	4

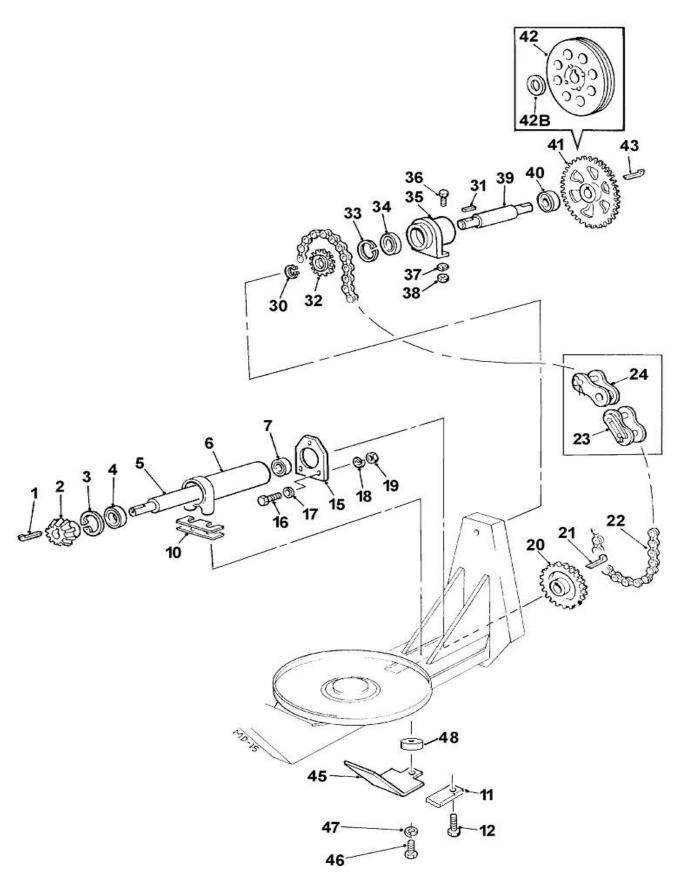
B - 3 200T Mixer



TRUNNION B - 3

Item	Part no	Serial no	Description	Qty
1	513367900		TRUNNION	1
2	513316500		GUARD, drum gear	1
3	11S03B		SCREW, set	4
4	17S04		WASHER, spring	4
5	7S03		NUT	4
6	513316600		COVER, chain rear	1
7	11S02AA		SCREW, set	4
8	17S03		WASHER, spring	4
9	315803100		NIPPLE, grease	1
10	131S01		NIPPLE, grease	1
11	176S01		CAP, NIPPLE	1

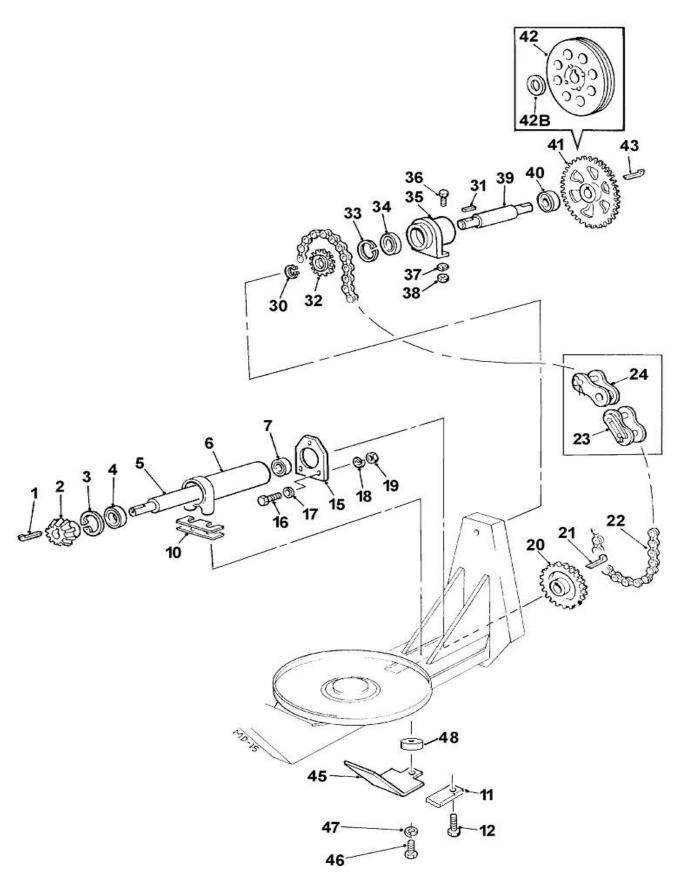
B - 4 200T Mixer



DRUM DRIVE B - 4

Item	Part no	Serial no	Description	Qty
1 2 3 4 5 6 7	300110845 513310700 132362000 88S05D 513310300 513305400 88S15D		KEY, taper gib PINION CIRCLIP BEARING SHAFT HOUSING BEARING	1 1 1 1 1 1
10 11 12	513152400 513211900 11S05H		SHIM, pack TABWASHER, locking strip SCREW, set	set 1 2 2
15 16 17 18 19	513298900 11S04C 267S06 17S05 7S04		PLATE SCREW, set WASHER, flat WASHER, spring NUT	1 2 2 2 2
20 21	513305300 300110845		SPROCKET KEY, taber gib	1 1
	134105070 134105002 134105001		CHAIN LINK, connecting LINK, half	1 1 1
35 36 37 38	132725000 304708035 513310500 132362000 88S05D 513305500 11S05F 17S06 7S05 513310400 88S15D		CIRCLIP KEY, rectangular feather SPROCKET CIRCLIP BEARING HOUSING SCREW, set WASHER, spring NUT SHAFT, counter BEARING	1 1 1 1 1 2 2 2 1
41	513310800		SPROCKET, (Lister-Petter engines) or	1
42 42A 42B	371123000 267S12		PULLEY, (Yanmar engines) Bush, taper lock WASHER, flat, thick	1 1
43	267S22 300110845 CR329047		or WASHER, flat, thin KEY, gib head (Lister Petter engines) KEY, parallel, (Yanmar engines)	1 1 1
46 47	513211800 66S03A 41S05 555170000		GUARD, bevel pinion SCREW, set WASHER, spring SPACER	1 1 1 1

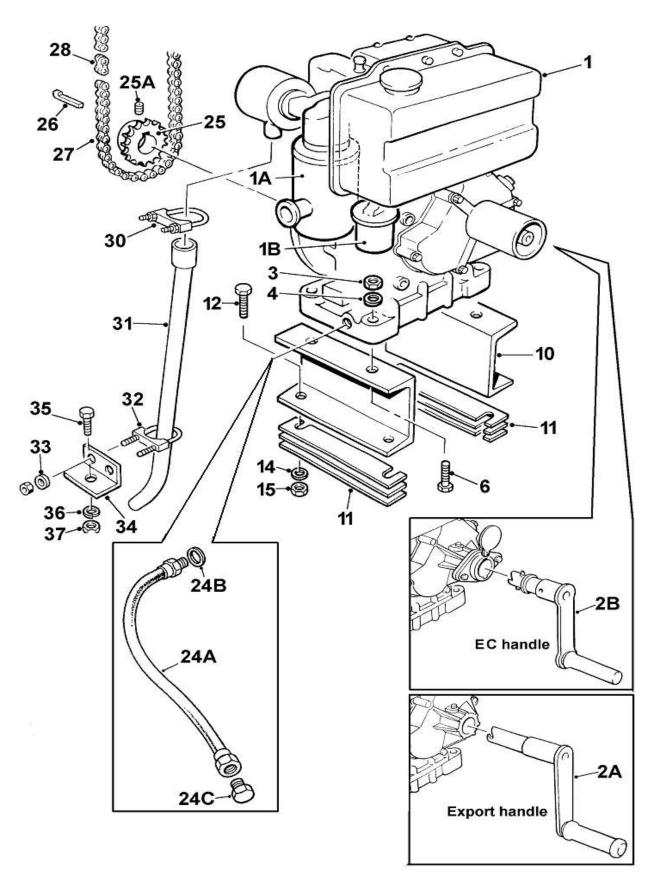
B - 4 200T Mixer



DRUM DRIVE B - 4

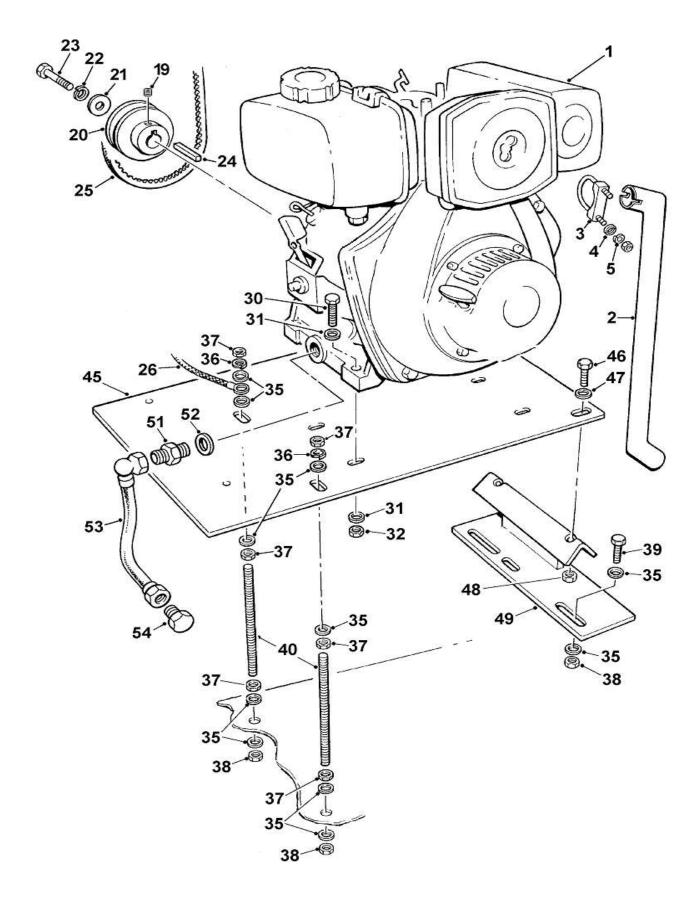
Item	Part no	Serial no	Description	Qty
1 2 3 4 5 6 7	300110845 513310700 132362000 88S05D 513310300 513305400 88S15D		KEY, taper gib PINION CIRCLIP BEARING SHAFT HOUSING BEARING	1 1 1 1 1 1
10 11 12	513152400 513211900 11S05H		SHIM, pack TABWASHER, locking strip SCREW, set	set 1 2 2
15 16 17 18 19	513298900 11S04C 267S06 17S05 7S04		PLATE SCREW, set WASHER, flat WASHER, spring NUT	1 2 2 2 2
20 21	513305300 300110845		SPROCKET KEY, taber gib	1 1
	134105070 134105002 134105001		CHAIN LINK, connecting LINK, half	1 1 1
35 36 37 38	132725000 304708035 513310500 132362000 88S05D 513305500 11S05F 17S06 7S05 513310400 88S15D		CIRCLIP KEY, rectangular feather SPROCKET CIRCLIP BEARING HOUSING SCREW, set WASHER, spring NUT SHAFT, counter BEARING	1 1 1 1 1 2 2 2 1
41	513310800		SPROCKET, (Lister-Petter engines) or	1
42 42A 42B	371123000 267S12		PULLEY, (Yanmar engines) Bush, taper lock WASHER, flat, thick	1 1
43	267S22 300110845 CR329047		or WASHER, flat, thin KEY, gib head (Lister Petter engines) KEY, parallel, (Yanmar engines)	1 1 1
46 47	513211800 66S03A 41S05 555170000		GUARD, bevel pinion SCREW, set WASHER, spring SPACER	1 1 1 1

C - 1 200T Mixer



Part no	Serial no	Description	Qty
354051000		ENGINE, LV1-910 "Export" without anti kickback	1
354054100		ENGINE, LV1-910 "UK/EC" with anti kickback	1
		FILTER, air FILTER, fuel	1 1
EL60252971		HANDLE, engine starting "Export", without anti kick back	1
EL375232		HANDLE, engine starting "UK/EC", with anti kick back	1
		NUT, "Binx", self-locking WASHER, flat BOLT	4 4 4
513248400		CHANNEL, engine mount SHIMS BOLT	2 (set) 1 4
		WASHER, flat NUT, "Binx", self-locking	4 4
		HOSE, flexible SEAL, bonded PLUG, blanking, oil drain	1 1 1
300204160 134105096		SPROCKET, engine SCREW, grub KEY CHAIN LINK,connecting LINK, half	1 1 1 1 1 AR
513267500 153S01 267S04 513266800 11S05B 267S07		CLAMP, exhaust PIPE, exhaust CLAMP, exhaust WASHER, flat BRACKET SCREW, set WASHER, flat	1 1 2 1 1 2
	354051000 354054100 EL60131350 EL20113118 EL60252971 EL375232 61S05 267S07 8S05J 513267400 513248400 8S05E 267S07 61S05 513362800 100S04 127S04 513326400 57S05D2 300204160 134105096 134105002 134105001 354051005 513267500 153S01	354051000 354054100 EL60131350 EL20113118 EL60252971 EL375232 61S05 267S07 8S05J 513267400 513248400 8S05E 267S07 61S05 513362800 100S04 127S04 513326400 57S05D2 300204160 134105002 134105001 354051005 513267500 153S01 267S04 513266800 11S05B 267S07	354051000 ENGINE, LV1-910 "Export" without anti kickback 354054100 ENGINE, LV1-910 "UK/EC" with anti kickback EL60131350 FILTER, air EL20113118 FILTER, fuel EL60252971 HANDLE, engine starting "Export", without anti kick back EL375232 HANDLE, engine starting "UK/EC", with anti kick back 61S05 NUT, "Binx", self-locking WASHER, flat BOLT 513267400 CHANNEL, engine mount 513248400 SHIMS 805E BOLT 267S07 WASHER, flat NUT, "Binx", self-locking WASHER, flat NUT, "Binx", self-locking 1513362800 HOSE, flexible SEAL, bonded 127S04 PLUG, blanking, oil drain 513326400 SPROCKET, engine 57S05D2 SCREW, grub KEY 134105001 LINK, connecting 134105002 LINK, connecting 134105001 LINK, half 354051005 CLAMP, exhaust 513267500 PIPE, exhaust 153266800 BRACKET 15056B SCREW, set WASHER, flat

C - 2 200T Mixers

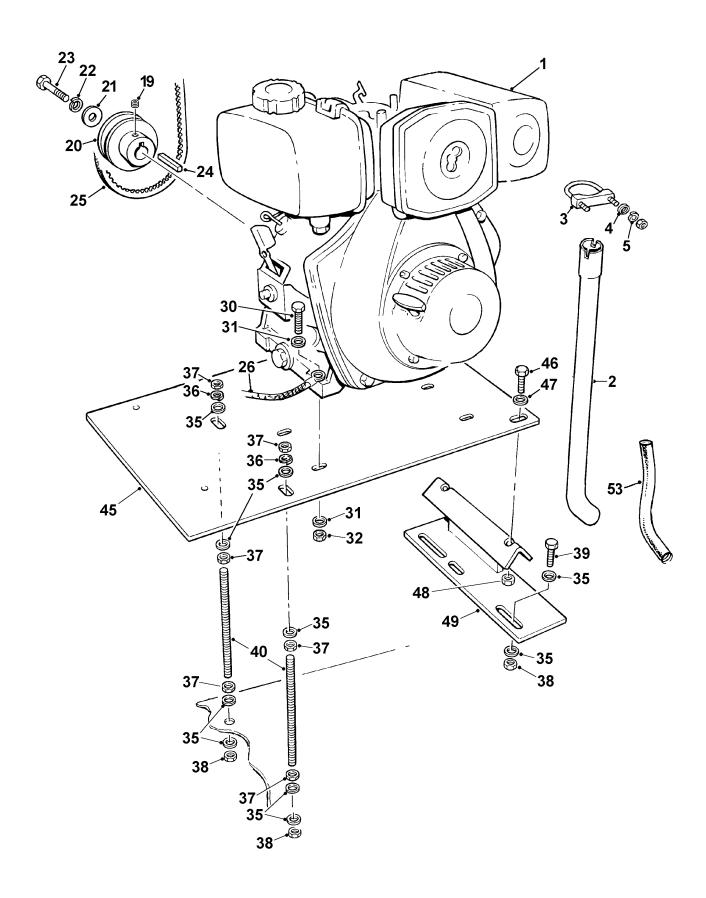


YANMAR L48ARE/L48N5SJ1 (electric start)

Engine & mounts

Item	Part no	Serial no	Description	Qty
	Note:	For Battery, start sw	ritch & loom, see page C-3	
1	Engines are in	terchangeable but ch	ENGINE, Yanmar L48ARE/L48N5SJ1 ne was replaced by the L48N5SJ1 neck model when ordering spares	1
2	<i>For EU Stage 5</i> 513361600	Emission Compliant	Engine, L48V5VSJ1, see page C - 2A PIPE, exhaust	1
	153S02		CLAMP, exhaust	1
4	267S05		WASHER, flat	1
5	17S04		WASHER, spring	1
	57S04D2		SCREW, grub	1
20	V2005220		PULLEY	1
21	V2004220		WASHER, 'Special'	1
22	17S04		WASHER, spring	1
	8S03D		BOLT	1
24	305110550		KEY, parallel	1
25	397400700		BELT, 'V'	1
26			CABLE, negative (See page C-3)	1
30	8S03D		BOLT	4
31	267S05		WASHER, flat	8
32	61S03		NUT, self- locking "Binx"	4
35	267S07		WASHER, flat	13
36	17S06		WASHER, spring	2
37	7S05		NUT	6
38	61S05		NUT, self- locking "Binx"	4
	11S05D		SCREW, set	3
40	513333100		STUD	2
45	513361800		PLATE, engine mounting	1
46	8S04D		BOLT	2
47	267S06		WASHER, flat	2
	61S04		NUT, self- locking "Binx"	2
49	513358800		SUPPORT, bracket	1
51	325S04		ADAPTOR, male/male	1
	298S05		SEAL, bonded	1
	31S02LL		HOSE, engine oil drain	1
54	127S03		PLUG, blanking, engine oil drain	1

C - 2A 200T Mixers

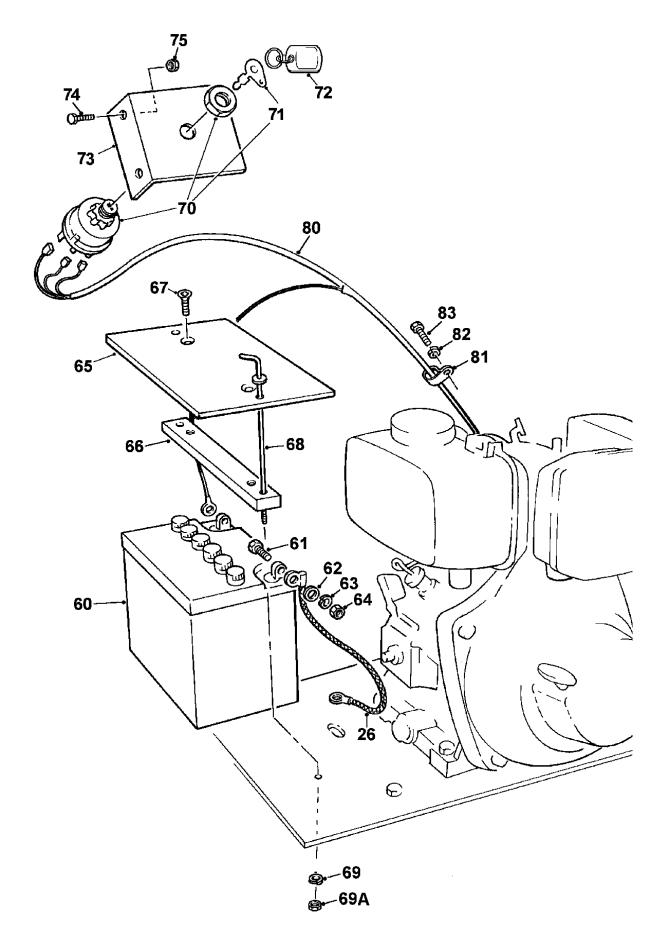


YANMAR L48V5VSJ1 (electric start)

Engine & mounts

Item	Part no	Serial no	Description	Qty		
	Note: For Battery, start switch & loom, see page C-3					
1	V2006401	1602/	ENGINE, Yanmar L48V5VSJ1 EU Stage 5 Emission Compliant	1		
2 3 4 5	513371300 153S02 267S05 17S04	1602/	PIPE, exhaust CLAMP, exhaust WASHER, flat WASHER, spring	1 1 1		
19 20	57S04D2 V2005220		SCREW, grub PULLEY	1 1		
21 22 23 24	V2004220 17S04 8S03D 305110550		WASHER, 'Special' WASHER, spring BOLT KEY, parallel	1 1 1		
25	397400700		BELT, 'V'	1		
26			CABLE, negative (See page C-3)	1		
30 31 32	8S03D 267S05 61S03		BOLT WASHER, flat NUT, self- locking "Binx"	4 8 4		
35 36 37 38	267S07 17S06 7S05 61S05		WASHER, flat WASHER, spring NUT NUT, self- locking "Binx"	13 2 6 4		
39 40	11S05D 513333100		SCREW, set STUD	3 2		
45	513361800		PLATE, engine mounting	1		
46 47 48 49	8S04D 267S06 61S04 513358800		BOLT WASHER, flat NUT, self- locking "Binx" SUPPORT, bracket	2 2 2 1		
51		1602/	TAP, oil drain, not illustrated (refer to engine parts manual)	1		
53	29S22	1602/	HOSE, engine oil drain, push on	1		

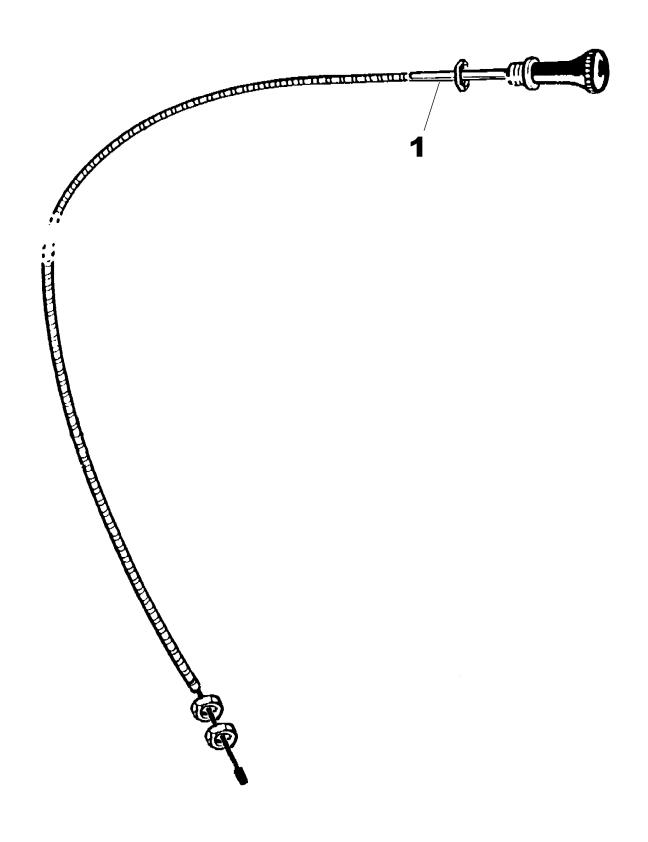
C - 3 200T Mixers



YANMAR L48ARE/L48N5SJ1/L48V5VSJ1 (electric start) C - 3 Battery, start switch & loom

Item	Part no	Serial no	Description	Qty
26	V2005211		CABLE, negative	1
60	109S11		BATTERY, 12 volt	1
63	11S02B 267S04 17S03 7S02		SCREW, set WASHER, flat WASHER, spring NUT	1 1 1 1
66 67 68 69 69A 70 71	513362000 513361900 52S02E 513361700 17S03 7S02 V2003561 V601179 V2003540		COVER, battery CLAMP, battery SCREW, counter sunk ROD, battery clamp WASHER, spring NUT SWITCH, start, c/w keys KEY KEY RING	1 1 2 2 2 2 1 2 1
	513359200 11S03A 61S03		BRACKET, start switch SCREW, set NUT, self-locking, 'Binx'	1 2 2
80	513362200		LOOM	1
	V2005209 17S04 11S03A		CLIP, 'P' WASHER, spring SCREW, set	1 1 1

C - 4 200T Mixers



YANMAR L48N5SJ1/L48V5VSJ1 (electric start) CABLE, Emergency Stop

C - 4

Item	Part no	Serial no	Description	Qty
		1506/		
		1526/		
1	513370900		CABLE, emergency stop	1
2	267S04		WASHER, flat	2
3	V2006398		TIE, Cable, panel mount	1

D - 1 200T Mixer

1200 T

WINGET WINGET LIMITED
PO box 89 Smethurst Lane, Botton Lance BL4 0WW
Model
Serial no.
Engine no.
Capacity
SRO
Vear of man.
A Stotton Group Company

58250

DANGER
KEEP ENGINE HOUSING
LID CLOSED WHEN
ENGINE IS RUNNING

8 3

7

SAFETY WARNING

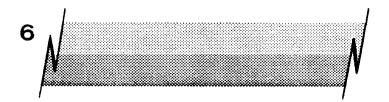
1 Before starting this machine, the operator should be familiar with the operating instructions issued by the manufacturer.

2 The manufacturer's rated capacity must never be exceeded.

3 Before carrying out any maintenance, servicing, or greasing, always ensure that the engine has been switched off. Never work on a machine while it is running.



5 WINGET



6A



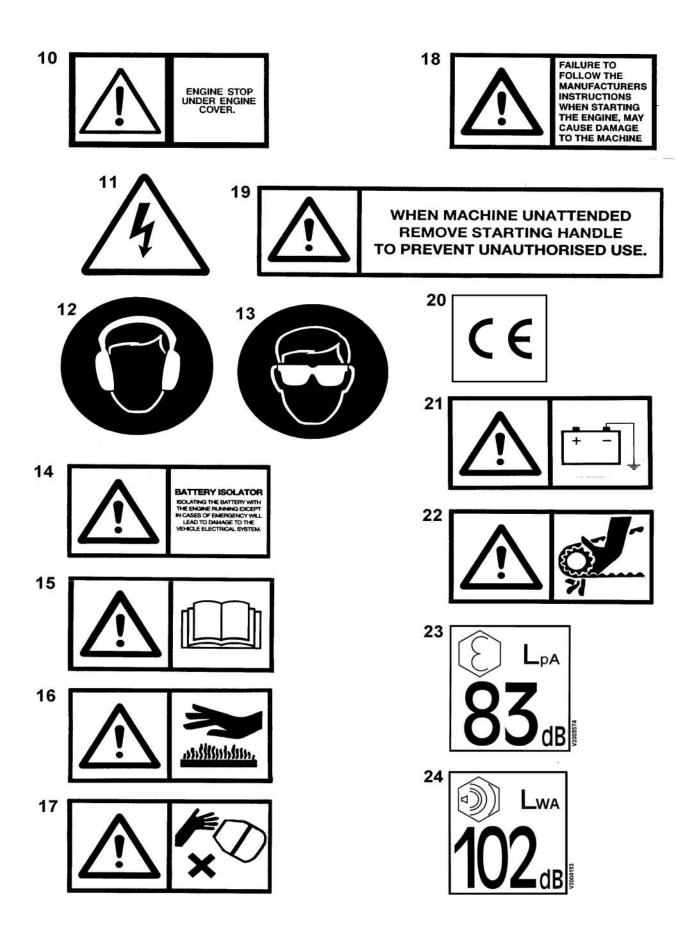
IN COLD WEATHER, IF THE ENGINE IS HARD TO START, REMOVE THE RUBBER PLUG ON THE ROCKER COVER AND ADD NO MORE THAN 2cc OF ENGINE OIL BEFORE STARTING AS RECOMMENDED IN THE ENGINE OPERATORS HANDBOOK. ALWAYS REFIT THE RUBBER PLUG.

V2005276

DECALS & PLATES

Item	Part no	Serial no	Description	Qty
1	V2003110		"200T"	2
2 2A	V2003037 101S05B		PLATE, serial number RIVET, pop	1 4
3	504600900		WARNING, engine housing	1
4	504694600		WARNING, safety	2
5	V2003039		LOGO, "WINGET"	3
6	V2003038		STRIPE, bodywork	2
6A	V2005276		ENGINE COLD STARTING, Yanmar Not used with Yanmar L48V5	1
7	V2003101		DIESEL FUEL	1
8	V2003665		SLING POINTS	2
9	V2003598		BRITISH MADE	1

D - 1A 200T Mixer



DECALS & PLATES

Item	Part no	Serial no	Description	Qty
10	V2004302		ENGINE STOP	1
11	V2004307		ELECTRICAL HAZARD	2
12	V2004137		EAR PROTECTION	2
13	V2004744		EYE PROTECTION	2
14	V2004227		BATTERY ISOLATOR	1
15	V2004229		READ OPERATORS HANDBOOK	2
16	V2004282		HOT SURFACES	1
17	V2004289		HANDS CLEAR	2
18	V2005208		ENGINE STARTING PROCEDURE	1
19	V2004288		REMOVE STARTING HANDLE	1
20	V2004223		"CE" MARK (Only applied to EC specification made	1 chines
21	V2004235		NEGATIVE EARTH	1
22	V2004281		ENTRAPMENT	1
23	V2003574		83 LPA	1
24	V2004132		102 LWA, Lister Petter engines	1

D - 1B 200T Mixer



TO STOP THE ENGINE PRESS THE RED BUTTON

WARNING
WHEN TRANSPORTING THE MIXER
BY FORKLIFT, ENSURE BOTH
FORKS ENGAGE THE MAINFRAME
LIFTING POINTS.

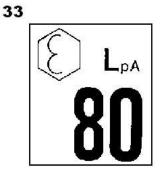
THE RECOIL STARTER SHOULD ONLY BE USED AS AN "EMERGENCY" MEANS OF STARTING THE ROINE AND SHOULD BE USED WITH CARE. BE AWARE THAT STARTING THE ENGINE WITH THE RECOIL DUE TO THE ABSENCE OF THE START KEY OR BATTERY OR BECAUSE THE BATTERY IS DISCHARGED WILL RESULT IN DAMAGE TO THE ALTERNATOR.

IMPORTANT!

TO AVOID INJURY OR MACHINE DAMAGE DO NOT ENGAGE LOCKING PLUNGER SHLST HANDRUHEEL IN MCTION

31

EMERGENCY STOP
TO BE USED IN EMERGENCY ONLY



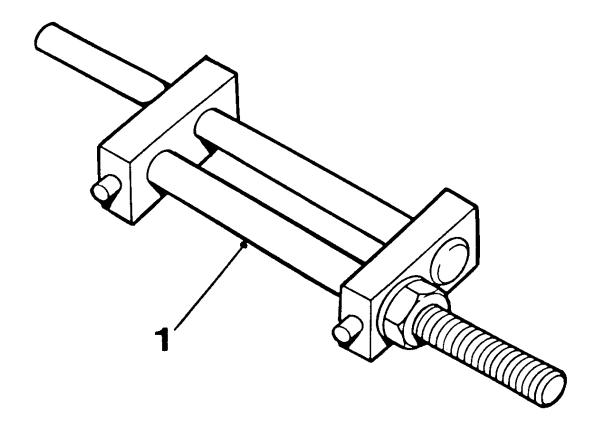
UK CA

UK NI

DECALS & PLATES

Item	Part no	Serial no	Description	Qty
26	V2005311		101 LWA, Yanmar engines	1
27	V2005290		STOP ENGINE WITH RED BUTTON	1
28	V2005290		TRANSPORTING WITH FORKS	1
29	V2005214		RECOIL STARTER WARNING	1
30	V2005630		LOCKING PLUNGER	1
31	V2004119		NO LIFTING	2
32	513371100		EMERGENCY STOP	1
33	V2004130		80 LPA, Yanmar engines	1
34	V2006402		"UKCA" Mark	1
			(Only applied to Mainland GB specifica	tion
			machines)	
35	V2006403		"UKNI" Mark	1
			(Only applied to Northern Ireland	
			specification machines)	

D - 2 200T Mixer



SPECIAL TOOLS D - 2

Item	Part no	Serial no	Description	Qty
1	513204000		CLAMP, drum clip	1

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm