



GARDEN LAWN TRACTOR

Operator Manual

F Series / T Series

Models T50, T60, T80, F60-4WD & F250-4WD

Four circular icons are shown in a row. The first is a solid black circle with 'E10' in white. The second, third, and fourth are white circles with a black border and a diagonal slash, containing 'E15', 'E20', and 'E85' respectively.	<p>The use of fuel that does not meet the following criteria will void the product warranty.</p> <ul style="list-style-type: none">• Use fuel rated to a minimum of 91 RON.• Contains a maximum level of 10% ethanol (E10).• Contains a maximum level of 10% MTBE.• It is acceptable to use fuel containing up to 5% methanol by volume, as long as it also contains cosolvents and corrosion inhibitors to protect the fuel system.
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ENGLISH



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Table of Contents

Introduction.....	2 - 3	Trouble Shooting.....	41 - 46
Safety Rules.....	4 - 11	Service Parts.....	47
Control Layouts.....	12 - 14	Accessory List.....	48
Dashboard Controls.....	15 - 20	Specifications.....	49 - 50
Using the Tractor.....	21 - 25	Personal Service Record.....	51
Decks.....	26 - 35	Service Check List.....	52
PGC.....	36 - 38	Certificate of Conformity.....	53
Routine Maintenance.....	39 - 40		

Introduction

THE MANUAL

Before operating unit, carefully and completely read your manual. The contents will provide you with an understanding of safety instructions and controls during normal operation and maintenance.

ENGINE MANUAL

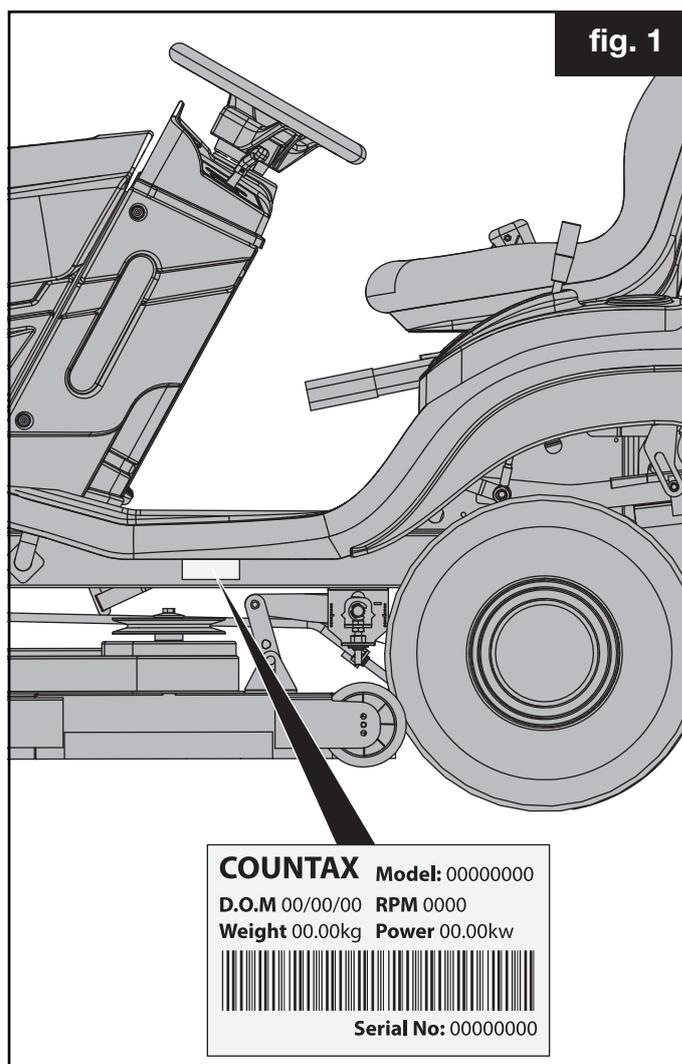
The engine on this unit is covered by a separate manual specific to the engine. This manual is included in the literature package that shipped with the unit. Refer to this manual for engine service recommendations. If the engine manual is not available, contact the engine manufacturer for a replacement manual.

MODEL AND SERIAL NUMBERS

When ordering replacement parts or making service inquiries, know the tractor model and serial numbers of your unit. Numbers are located on the product registration form in the unit literature package. They are also printed on a serial number label on your unit (see fig. 1).

Record tractor model and serial numbers here

Record engine model and serial numbers here



UNAUTHORIZED REPLACEMENT PARTS

Use only Countax replacement parts. The replacement of any part on this unit with anything other than a Westwood authorized replacement part may adversely affect the performance, durability and safety of this unit and may void the warranty. Westwood disclaims liability for any claims or damages, whether warranty, property damage, personal injury or death arising out of the use of unauthorized replacement parts.

DELIVERY

Customer Note: If this product was purchased without complete assembly and instruction by a retailer, it is your responsibility to:

- Read and understand all instructions in this manual. If you do not understand or have difficulty following the instructions, contact your nearest Westwood Dealer for assistance.

NOTE: To locate your nearest Westwood Dealer, go to www.westwoodtractors.com.



WARNING: Improper assembly or adjustments can cause serious injury.

Before Operating Unit:

1. Make sure all assembly has been properly completed.
2. Understand all Safety Precautions provided in the manuals.
3. Review control functions and operation of the unit. Do not operate the unit unless all controls function as described in this manual.
4. Review recommended maintenance and adjustments.
5. Review Limited Warranty policy.
6. Fill out a product registration card and return it to Westwood or register the product at www.westwoodtractors.com.

DISCLAIMER

Westwood reserves the right to discontinue, change and improve its products at any time without notice or obligation to the purchaser.

The descriptions and specifications contained in this manual were in effect at printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your unit.

Safety Rules

Read these safety rules and follow them closely. Failure to follow these rules could lead to loss of control of unit, severe personal injury or death to you or bystanders or result in damage to property or the machine.



WARNING: This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the safety instructions in the manuals and on decals could result in serious injury or death.

Safety Alert Symbols

These are safety alert symbols. They mean:

- ATTENTION!
- YOUR SAFETY IS INVOLVED!

When you see this symbol:

- BECOME ALERT!
- OBEY THE MESSAGE!

SIGNAL WORDS

The safety alert symbols above and signal words below are used on decals and in this manual.

Read and understand all safety messages.

1. Danger



DANGER: Indicates an IMMEDIATELY HAZARDOUS SITUATION! If not avoided, WILL RESULT in death or serious injury.

2. Warning



WARNING: Indicates a POTENTIALLY HAZARDOUS SITUATION! If not avoided, COULD RESULT in death or serious injury.

3. Caution



CAUTION: Indicates a POTENTIALLY HAZARDOUS SITUATION! If not avoided, MAY RESULT in minor or moderate injury. It may also be used to alert against unsafe practices.

4. Important

IMPORTANT: Indicates general reference information worthy of special attention.

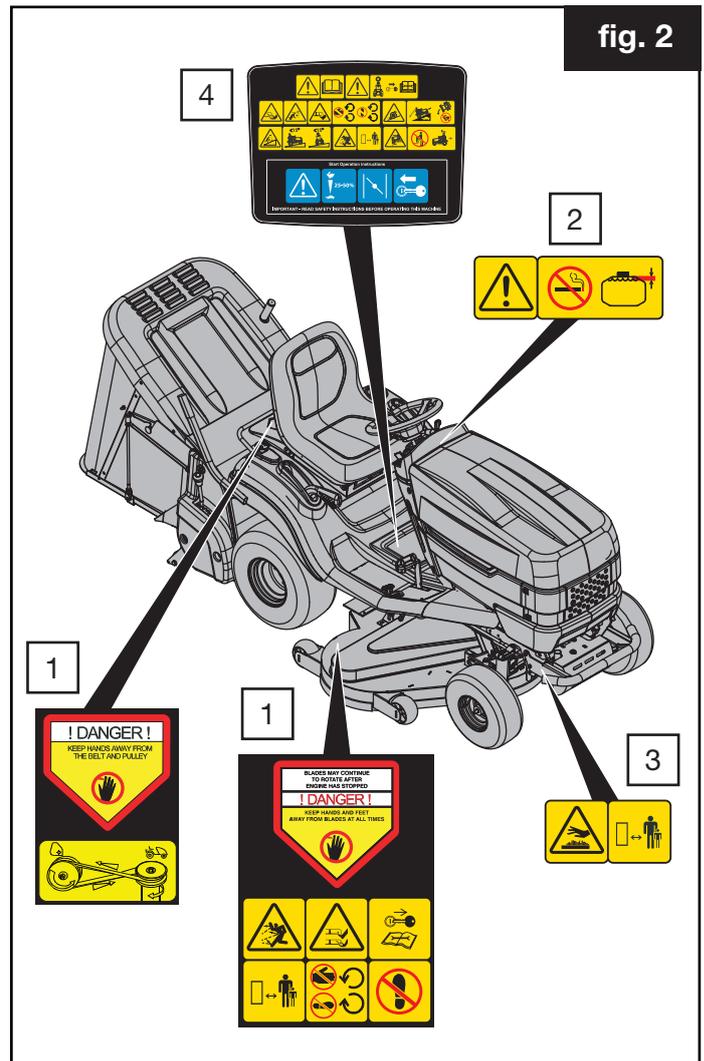
SAFETY DECALS

This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

The safety decals on your machine are visual reminders of the important safety information found in this manual. All messages found on your unit must be fully understood and carefully followed. Safety decals found on the machine are explained below.

Always replace missing or damaged safety decals. Replacement decals can be found in the parts manual for your machine and ordered from your dealer.

Refer to fig. 2 for safety decal locations.



Safety Rules

SAFETY DECAL DESCRIPTIONS

1. DANGER SYMBOLS



Amputation Hazard – NEVER stick hands under deck or shielded areas.



Keep children and others away from unit while operating.



Hand Crush Hazard - Keep hands away from all rotating or moving parts.



Amputation Hazard – NEVER stick hands or feet under deck or shielded areas.



Amputation Hazard – NEVER stick feet under deck or shielded areas.



DO NOT step or stand in this area.



Keep hands away from all rotating or moving parts.



Look down and behind before and while backing. Reverse Slow.



Keep feet away from all rotating or moving parts.



Do not turn at high speeds.



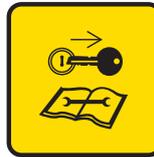
Operating on slopes may cause the unit to tip unexpectedly. Do not tip mower while operating the unit. Mow across slopes, not up and down.



Flying debris hazard. Thrown objects can cause injury.



DO NOT operate on slopes over 15° .



Remove key before you adjust or repair unit.



Child or baby runover and cut risk. Take care when in motion. Be aware of surroundings at all times.



Skid hazard on slopes.



Never allow passengers to ride on the tractor.

Safety Rules

2. WARNING SYMBOLS



Warning.



No Smoking.



Fill fuel tank to bottom of neck – MAXIMUM.

3. CAUTION SYMBOLS



Keep children and others away from unit while operating.



DO NOT touch parts which are hot from operation. ALWAYS allow parts to cool.

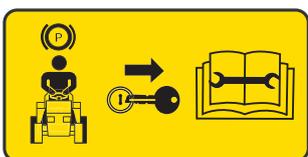
4. IMPORTANT SYMBOLS



IMPORTANT INSTRUCTION



Read Owner / Operator Manual. Allow operation only by properly trained adult, never children.



Shut off engine, engage parking brake, remove key, and read manual before servicing or making adjustments to unit.

ADDITIONAL DANGER SYMBOLS



Danger symbols marking areas of extreme risk. Do not touch any moving parts in these areas. Do not remove guards in these areas unless performing safe maintenance procedures.

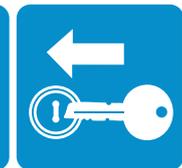
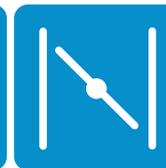
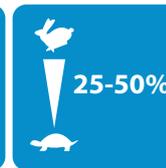
OPERATION SYMBOLS

Step 1

Step 2

Step 3

Step 4



Blue operation symbols appear on the rear body foot panel. These symbols give general start up information.

Do not attempt to start the machine without first reading the full instructions set out in this manual. These instructions give out general reminder information only.

Ensure all safety checks & rules are followed, all switches and levers have been returned to parked state. The operator must be seated correctly on the tractor.

Step 1 - Attention

Step 2 - Set throttle between 25 - 50%

Step 3 - Apply choke (only if needed)

Step 4 - Insert key and start machine

SAFETY RULES

This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

Training

1. Read, understand, and follow all instructions on the machine and in the manuals before starting.
2. Become familiar with the safe operation of the equipment, operator controls, and safety signs.
3. Be sure the area is clear of bystanders and pets before operating. Stop machine if anyone enters the area.
4. Improper use of power equipment can cause serious permanent injury or death to the operator or a bystander.
5. Understand:
 - 5.1. How to operate all controls
 - 5.2. The functions of all controls
 - 5.3. How to STOP in an Emergency
 - 5.4. Braking and steering characteristics
 - 5.5. Turning radius and clearances
6. Read the Operator's Manual and other training material. If the operator(s) or mechanic(s) cannot read English, it is the owner's responsibility to explain this material to them.
7. All operators and mechanics should be trained. The owner is responsible for training the users.
8. Never let children or untrained people operate or service the equipment. Local regulations may restrict the age of the operator.
9. The owner/user can prevent and is responsible for accidents or injuries occurring to themselves, other people or property.

Operator Age

1. Do not allow children under the age of 18 to operate or service any outdoor power equipment.
2. Local regulations may restrict the age of the operator.
3. Data indicates operators age 60 years and above are involved in a large percentage of riding mower-related injuries.
4. These operators should evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.

Children

1. Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. Never assume that children will remain where you last saw them.
2. Be alert and turn machine off if a child enters the area.
3. Before and while backing, look behind and down for small children.
4. Never carry children, even with the blade(s) shut off. They may fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine.
5. Never allow children to operate or service the machine.
6. Use extreme care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.
7. Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.

Personal Protection

1. Always wear appropriate clothing including hard hat, protective gloves, safety glasses and hearing protection. Long hair, loose clothing or jewellery may get tangled in moving parts.
2. DO NOT wear loose clothing or jewellery and tie back hair during operation.
3. Wear proper footwear to improve footing on slippery surfaces. NEVER wear open sandals or canvas shoes during operation.

Safety Rules

Before Operating

1. Evaluate the terrain to determine what accessories and attachments are needed to properly and safely perform the job. Only use accessories and attachments approved by Westwood.
2. Inspect the area where the equipment is to be used and remove all objects such as rocks, toys and wire which can be thrown by the machine.
3. Keep all nuts and bolts tight to be sure the equipment is in safe working condition.
4. Maintain the machine to be in compliance with the maintenance schedule.
5. Clean grass and debris from unit, especially from around muffler and engine, to help prevent fires.
6. Check parking brake operation frequently. Adjust and service as required.
7. Inspect unit before each use for missing or damaged decals and shields, correctly operating safety interlock system, and deterioration of grass catchers. Replace or repair as needed.
8. Check that operator's controls, safety switches and shields are attached and functioning properly. Do not operate unless they are functioning properly.
9. Ensure any safety systems, devices or guards are functioning properly. DO NOT operate unit if safety equipment is damaged or disabled.
10. Be sure all drives are disengaged and parking brake is engaged before starting engine. Steering must be in neutral and PTO disengaged. Only start engine from the operator's position.
11. Operate unit only when seated in operator's position.
12. Be sure the area is clear of bystanders and pets before operating.
13. Never tamper with safety devices. Check their proper operation regularly.
14. Keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris.
3. Do not change the engine governor setting or overspeed the engine.
4. Do not operate the mower under the influence of alcohol or drugs.
5. Keep hands and feet away from the cutting units. Do not put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
6. DO NOT touch parts which are hot. Allow parts to cool.
7. Always keep hands and feet away from all amputation hazard points.
8. Always keep hands and feet away from all pinch points.
9. Avoid slippery surfaces. Use extreme caution if operating on wet grass, reduced footing could cause slipping.
10. Never carry passengers and keep pets and bystanders away. Stop machine if anyone enters the area.
11. Be aware of the mower discharge direction and do not point it at anyone. Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade(s) when crossing gravel surfaces, paths or roads.
12. Never engage PTO when attachment, including mower blades, is not in use. Always turn off power to attachment when not in active use such as traveling or crossing driveways.
13. Slow down and use caution when making turns and crossing roads and sidewalks. Stop blades if not mowing.
14. Stop on level ground, lower implements, disengage drives, engage parking brake, disengage PTO, shut off engine and allow moving parts to stop before leaving the operator's position for any reason including emptying the catchers or unclogging accessories.
15. Never engage PTO while raising the attachment, including mower blades.
16. Never raise deck with the blades running.
17. Never operate with the PTO shield, or other guards not securely in place. Be sure all interlocks are attached, adjusted properly, and functioning properly. Never modify or remove safety devices.

Operation

1. Never operate machine in a closed or poorly ventilated area. Never run an engine in an enclosed area.
2. ALWAYS maintain unit in safe operating condition. A damaged or worn out exhaust system can cause fire or explosion.

Safety Rules

18. Do not mow in reverse unless absolutely necessary. Always look behind and down before backing up to be sure of a clear path.
19. Stop equipment and inspect blades after striking objects or if an abnormal vibration occurs. Make necessary repairs before resuming operations.
20. Never leave a running machine unattended. Always turn off blade(s), set parking brake, stop engine and remove key before dismounting.
21. Disengage blade(s) when not mowing. Shut off engine and wait for all parts to come to a complete stop before cleaning the machine, removing the grass catcher, or unclogging the discharge guard.
22. Know the weight of loads. Limit loads to those you can safely control and the unit can safely handle.
23. Use care when loading or unloading the machine into a trailer or truck.

Operating Conditions

1. Always check overhead and side clearances carefully before operation.
2. Watch for traffic when operating near or crossing roadways.
3. Ensure the area is cleared of objects such as rocks, wire, toys, etc., which could be thrown by the blades prior to operation.
4. Check for weak spots on docks, ramps or floors. Stay alert for hidden hazards or traffic.
5. Always use ramps to climb curbs to prevent personal injury or equipment damage.
6. Use care when approaching blind corners, shrubs, trees or other objects that may obscure vision.
7. Dust, smoke, fog, etc. can reduce vision and cause an accident.
8. Only operate in good light, keeping away from holes and hidden hazards.

Slope Operation

1. Slopes are a major factor related to loss of control and tip-over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution. If you cannot back up the slope or if you feel uneasy on it, do not mow it.
2. DO NOT operate on slopes of more than 15°. This maximum degree of operation is with or without attachments.
3. Do not operate on slopes of more than 15° with attachments such as grass catchers installed.
4. Mow across slopes, not up and down.
6. DO NOT operate on slopes steeper than you can feel secure about the traction of the tyres and the stability of the mower.
7. Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
8. Use extra care while operating machine with grass catchers or other attachments; they can affect the stability of the machine. Do not use on slopes exceeding 15° incline.
9. Slow down and use caution when making turns and when changing directions on slopes. Keep all movements on the slope slow and gradual. Sudden changes in speed or direction could cause the machine to roll over.
10. Avoid starting, stopping, or turning on a slope. If the tyres lose traction, disengage the blade(s) and proceed slowly straight down the slope.
11. Operation on slopes may lead to loss of steering control. When operating on slopes be prepared to react to an emergency situation:
 - Return steering wheel to neutral position.
 - Immediately set parking brake.
 - Turn off PTO and engine.
12. DO NOT try to stabilize the machine by putting your foot on the ground.
13. DO NOT park on slopes unless necessary. When parking on slope always chock or block wheels. Always set parking brake and engage neutral valve.

Safety Rules

15. Choose a low ground speed so you will not have to stop or shift while on a slope.
16. Slow down and use extra care on hillsides. Be sure to travel in the recommended direction on hillsides. Turf conditions can affect the machine's stability. Use caution while operating near drop-offs.
17. DO NOT operate near drop-offs, ditches, or embankments. Unit can suddenly turn over if a wheel is over the edge of a cliff or ditch, or if an edge caves in.
18. Do not bypass transmission or allow transmission to free-wheel when on a slope.
12. Never overfill fuel tank. Replace fuel cap and tighten securely.
13. If fuel is spilled on clothing, change clothing immediately.
14. DO NOT OVERFILL! Filling to the recommended level ensures a vapour gap required to allow for fuel expansion. Pay close attention while filling the fuel tank to ensure that the recommended fuel level inside the tank is not exceeded. Use a portable petrol container with an appropriately sized dispensing spout when filling the tank.

Fuel

1. To avoid personal injury or property damage, use extreme care in handling petrol. Petrol is extremely flammable and the vapours are explosive.
2. Replace fuel cap securely and clean up spilled fuel before starting engine.
3. Extinguish all cigarettes, cigars, pipes, and other sources of ignition.
4. Use only an approved fuel container.
5. Never store the machine or fuel container where there is an open flame, spark, or pilot light such as on a water or space heater or other appliances.
6. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
7. Never refuel the machine indoors.
8. Never remove fuel cap or add fuel with the engine running. Allow engine to cool before refuelling.
9. Fuel is highly flammable and its vapours are explosive. Handle with care. Use only an approved petrol container with an appropriately sized dispensing spout. NO smoking, NO sparks, NO flames.
10. Remove equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment with a portable container, rather than from a petrol dispenser nozzle.
11. Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until the fuelling is complete. Do not use a nozzle lock open device.

Towing

1. Attach only Westwood recommended towing equipment or accessories at designated hitch point.

Accessories

1. Check grass catcher components and guards frequently and replace with genuine Westwood parts, when necessary.
2. Use only Westwood recommended attachments that are appropriate to your use and can be used safely in your application.

Safety Rules

Batteries

1. Avoid Electric Shock. Objects contacting both battery terminals at the same time may result in injury and unit damage. DO NOT reverse battery connections.
2. Reverse connections may result in sparks which can cause serious injury. Always connect positive (+) lead of charger to positive (+) terminal, and negative (-) lead to negative (-) terminal.
3. ALWAYS disconnect negative (-) cable FIRST and positive (+) cable SECOND. ALWAYS connect positive (+) cable FIRST, and negative (-) cable SECOND.
4. Explosive Gases from battery can cause death or serious injury. Poisonous battery fluid contains sulfuric acid and its contact with skin, eyes or clothing can cause severe chemical burns.
5. No flames, No sparks, No smoking near battery.
6. Charge batteries in an open well ventilated area, away from spark and flames. Unplug charger before connecting or disconnecting from battery. Always wear protective clothing and safety glasses near battery and use insulated tools.
7. ALWAYS keep batteries out of reach of children.

Service

1. Park machine on level ground. Never allow untrained personnel to service machine.
2. Disconnect battery or remove spark plug wire before making any repairs. Disconnect the negative terminal first and the positive last. Reconnect positive first and negative last.
3. Keep all parts in good working condition and all hardware tightened. Replace all worn or damaged decals.
4. Keep unit free of debris. Clean up oil or fuel spillage.
5. ALWAYS block wheels and know all jack stands are strong and secure and will hold weight of unit during maintenance. Use jack stands to support components when required.
6. Carefully and slowly release any pneumatic or hydraulic pressure from components with stored energy.
7. ALWAYS keep body and hands away from pin holes or nozzles which eject hydraulic fluid under pressure.

8. NEVER attempt to make any adjustments or repairs to unit while engine is running (except where specifically recommended). Disengage drives, lower implement, set parking brake, stop engine and remove key or disconnect spark plug wire. Wait for all movement to stop before adjusting, cleaning or repairing.
9. Keep hands and feet away from moving parts. If possible, do not make adjustments with the engine running.
10. Lower cutting deck unless a positive mechanical lock is used.
11. Allow engine to cool before servicing.
12. Moving parts can cut or amputate fingers or a hand. On multiblade mowers, rotation of one blade will cause all blades to rotate.
13. Use care when checking blades. Wrap the blade(s) or wear gloves, use caution when servicing them. Replace damaged blades. Never straighten or weld them.

Transporting Unit

1. Use care when loading or unloading the machine into a trailer or truck.
2. Use full width ramps for loading machine into trailer or truck.
3. Secure unit chassis to transport vehicle. Never secure from rods or linkages that could be damaged. Tie the machine down securely using straps, chains, cable, or ropes. Both front and rear straps should be directed down and outward from the machine.
4. Do not transport machine while engine is running.
5. ALWAYS turn off power to attachment and shut off fuel when transporting unit.

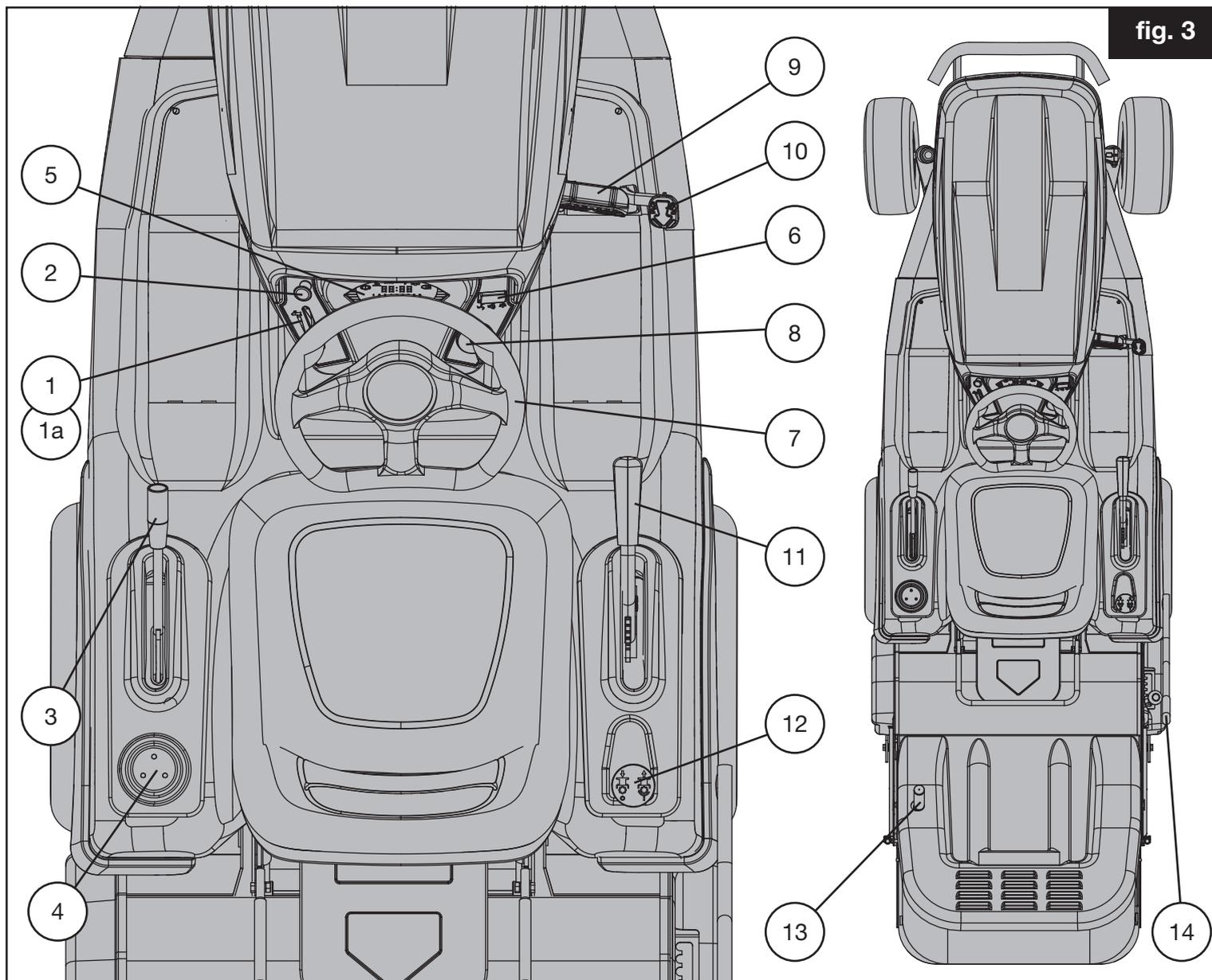
Storage

1. NEVER store unit with fuel in fuel tank, inside a building where any ignition sources are present.
2. Clean grass and debris from cutting units, drives, mufflers, and engine to help prevent fires. Clean up oil or fuel spillage. Let engine cool before storing and do not store near flame.
3. Shut off fuel while storing or transporting. Do not store fuel near flames or drain indoors.
4. For extended storage, shut off fuel and clean unit thoroughly. See engine manual for proper storage.

Tractor Control Layout

KNOW YOUR TRACTOR. READ THIS MANUAL AND SAFETY RULES BEFORE OPERATING YOUR TRACTOR.

Compare the illustrations with your tractor to familiarize yourself with the locations of various controls and adjustments. Save this manual for future reference.



1 - Throttle

Use to set, increase and decrease engine input.

1a - Integrated Throttle & Choke

Used on models with automatic choke.

2 - Choke

(not used within integrated choke configuration).

3 - Parking Brake

4 - Cup Holder

5 - Central Dashboard Display

6 - PTO / Deck Engagement Configuration Switch

7 - Steering Wheel

8 - Key Ignition Switch

9 - Forward Pedal

10 - Reverse Pedal

11 - Deck Height Lever

12 - PTO / Deck ON & OFF Switch

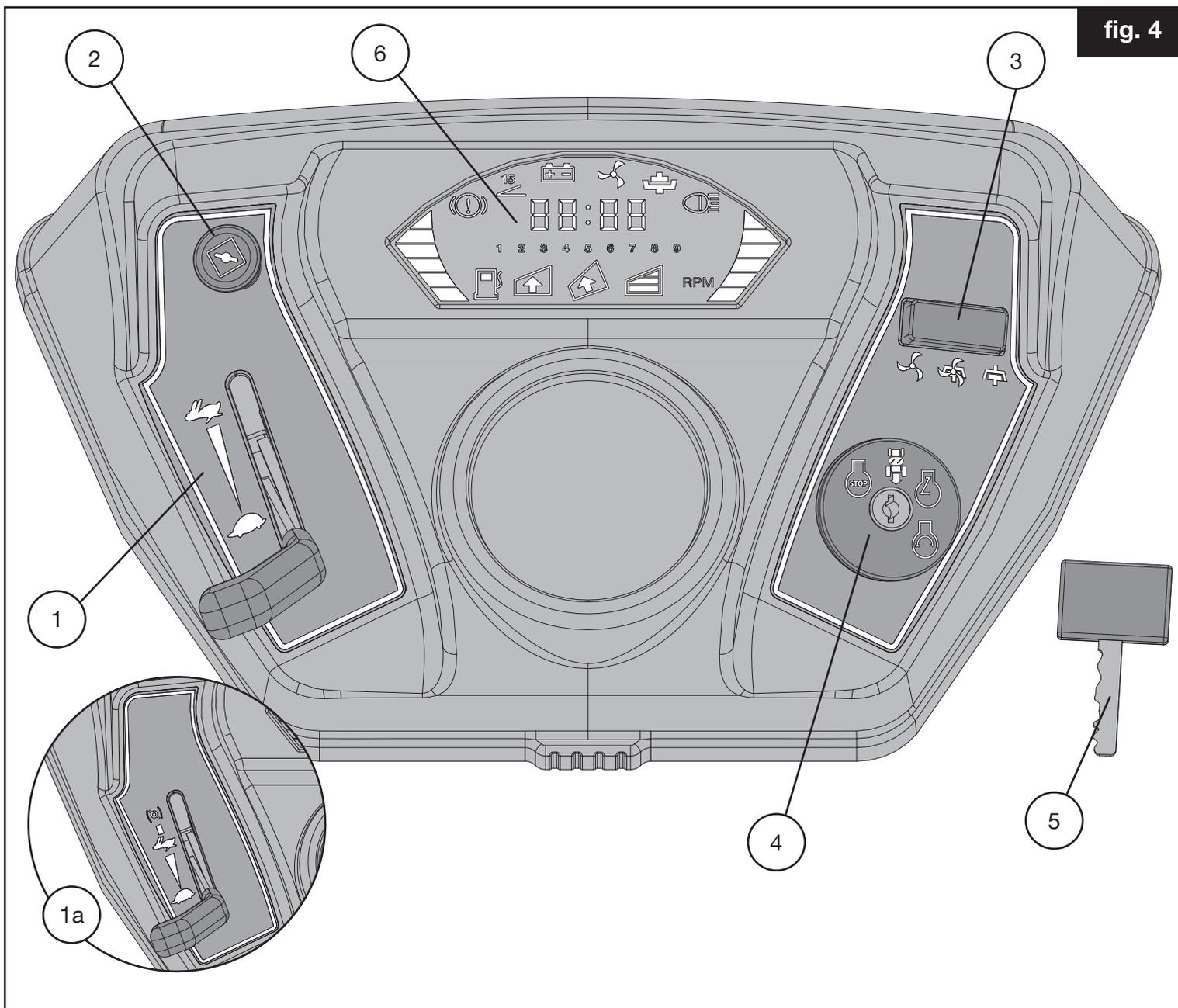
13 - Powered Grass Collector (PGC) Tipping Handle

14 - Rear Accessory / PGC & Net Lift Handle

Dashboard Control Layout

KNOW YOUR DASHBOARD DISPLAY

Compare the dashboard illustrations with the tractor to familiarize yourself with the various controls and adjustments. The dashboard display indicates the status of the tractor. Read the **Dashboard Controls** plus **Using The Tractor** sections before attempting to use any of these controls.



1 - Throttle

Use to set, increase and decrease engine input. Operating forward / reverse peddles while increasing throttle accelerates tractor velocity and if engaged, increases Powered Grass Collector pickup and cutting blade speed.

1a - Integrated Throttle & Choke

Used on models with automatic choke. Method of use is identical to standard throttle.

2 - Choke

(not used on integrated configuration) Use when cold starting.

3 - PTO & Deck Cutter Configuration Switch

Use this switch to engage Deck only, PTO Only or both together.

4 - Key Ignition Switch

Starts the engine and engages RMO system.

5 - Ignition Key

6 - Central Dashboard Display

LED lit display informs the user of the status of the tractor. Indicators include fuel level, Parking brake warning, Net status and slope warning (See next page for detailed display information).

Dashboard Display Layout

KNOW YOUR TRACTOR

Compare the dashboard illustrations with your tractor to familiarize yourself with the various controls and adjustments.

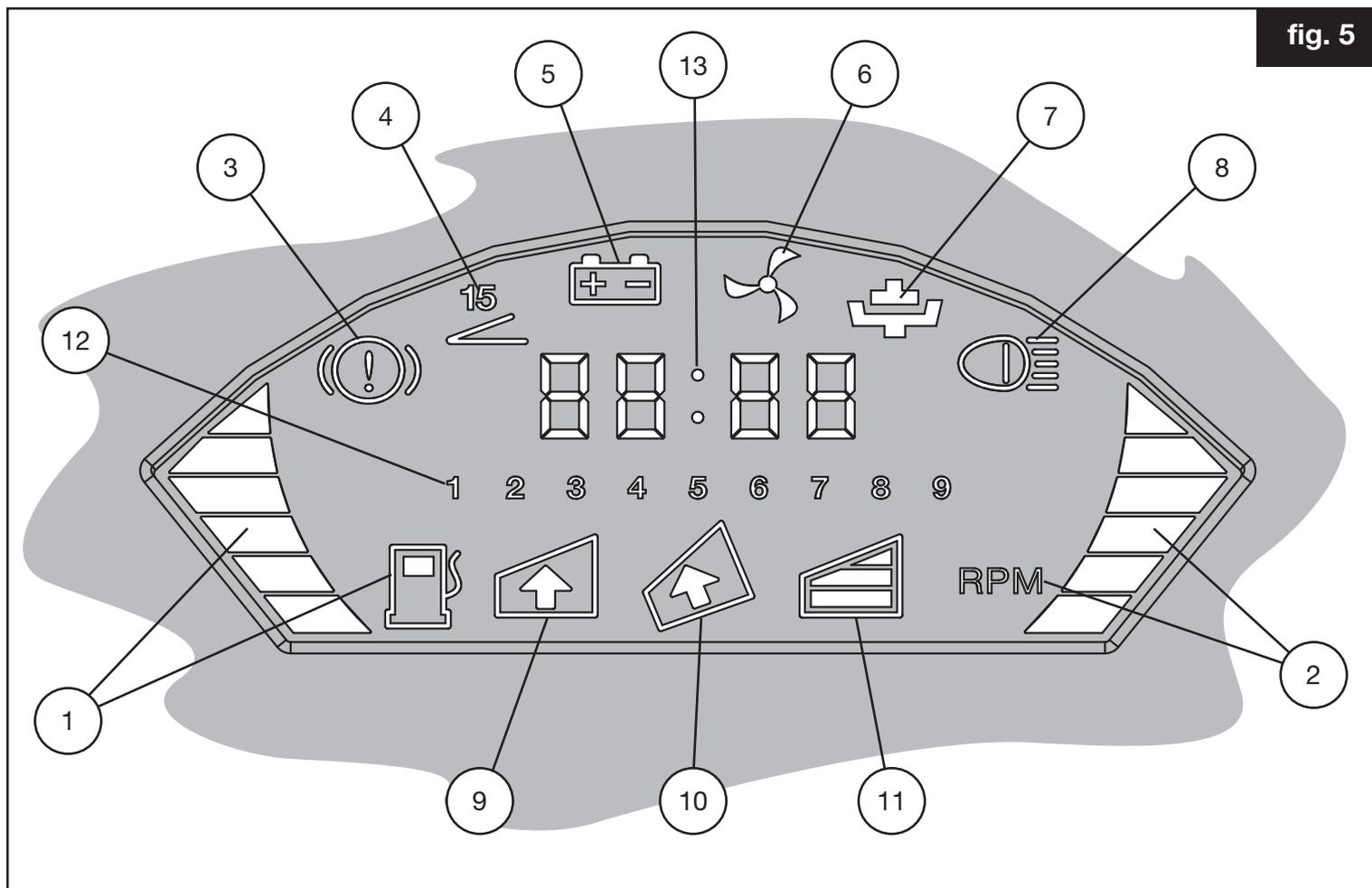


fig. 5

1 - Fuel Indicator - Red, yellow and green fuel level indicator. The lowest red bar flashes when fuel tank is empty.

2 - RPM (Revolutions Per Minute) Counter - Red, yellow and green phase counter indicates workrate of the tractor and associated driven attachments.

3 - Parking Brake ON / OFF Indicator - Signals the parking brake is active or non active.

4 - 15 Degree Slope Warning Light - This tractor is not designed for slopes that exceed this degree of incline. Do not drive on slopes that exceed 15 degrees or on any unstable ground that could cause the tractor to tip. Warning indicator fitted to four wheel drive models only.

5 - Battery Indicator - Shows the battery is low. Indicator also flashes on startup or when not charging correctly.

6 - Cutting Blade Engage - Indicates the deck is in use when lit. Engage the PTO switch on the tractor rear body and select deck cutting options on the right dashboard to engage.

7 - PTO Engage - Signals the net and powered grass collector (PGC) are in use when lit. Engage the PTO switch on the tractor rear body and select PTO options on the right dashboard to engage.

8 - Headlight ON / OFF Indicator - Not used for current models.

9 - Net Raised - This light signals the net is in the up position. The net must be placed in the down position in order to collect grass.

10 - Net Tipping - Indicates the net is currently tipping.

11 - Net Full - When lit shows the net requires emptying. This option is unavailable for current models.

12 - Deck Height Indicator - There are nine deck height positions. Level one offers the shortest cut and nine the longest. The indicator light will change position as the deck height handle is adjusted.

13 - Clock - The clock displays the current time using a 24 hour format. It also displays the current engine RPM output at startup briefly before switching to clock mode.

Dashboard Display and Controls

Pre Start Checks

Before attempting to use the tractor perform all preparation and training requirements outlined in the safety section. Read thoroughly and familiarise yourself with the various control layouts.

DO NOT attempt to use the tractor if you find any faults during the preparation check. Report any fault to your dealer without delay. If your dealer is unavailable contact Countax directly and we will assist in locating your nearest approved dealer repair center.

DO read the following dashboard display and control descriptions and read **Using The Tractor** section before attempting to use the tractor. Improper start-up can damage the tractor. Failure to adhere to the correct operating procedure advice laid out in this operators manual could also lead to severe injury or death.

DO read the **Cutter Deck** and **PGC & Net** sections if assembly is required.

Choke (fig. 6)



An independent choke is fitted to some models. This choke should be used in conjunction with a fast throttle setting when starting the engine from cold. It should be cancelled as soon as possible. Do not use the choke when starting a warm engine.

Ignition Switch (fig. 7)



The key start controls the ignition. There are four key positions (fig.7). The OFF position is phase 1. Turn the key to phase 4 to start the engine. The ignition naturally falls back to

phase 3 on successful start. Turn the key to phase 2 while running to engage RMO.



Position 1 - Tractor OFF
This is the ignition OFF position. Turn to position 1 to stop the engine.



Position 2 - RMO
The RMO position allows the tractor to mow whilst travelling in reverse.



Position 3 - Engine Engaged
This is the default engine engaged position.



Position 4 - Engine Start
Turn from position 1 to 4 on start-up to engage engine.

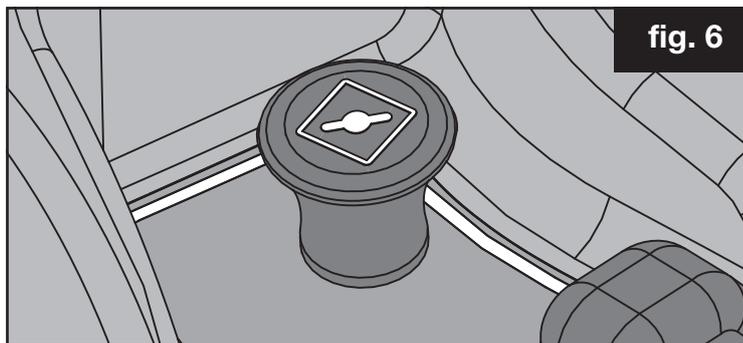


fig. 6

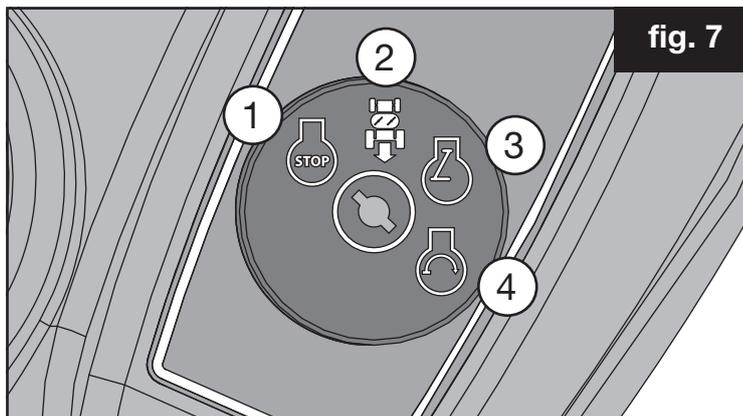


fig. 7

RMO System (Reverse Mow Override)

All models of the tractor have the RMO system fitted as standard. This system will shut down the cutter deck if the reverse pedal is pressed during normal operation (key position 3). When this happens bring the tractor to a complete stop, perform the normal safety checks, press the PTO engage switch down (fig. 3, page 12, control 12) to reset and then pull the switch to re-engage the deck to continue mowing in the forward direction.

Warning: It is not recommended to mow in reverse!

If the operator decides that mowing in reverse is necessary then the following procedure must be followed.

1- Bring the machine to a complete stop, apply the handbrake and ensure the PTO is disengaged and leave the engine running.

2- Rotate the ignition key to the RMO icon position (key position 2) as indicated in fig. 7.

3- Re-check the planned mowing area for any bystanders or potential hazards before moving off and resuming mowing.

4- The cutter deck will now operate whilst travelling in the reverse direction! Always look behind you when mowing in reverse.

5- If you no longer need the RMO to be activated it is advisable to disable it. Repeat step 1 above and then turn the key back to the engine run position (key position 3) as indicated in fig. 7.

Engine Throttle Control Lever (fig. 8)



The engine speed or RPM level is set by moving the throttle control lever up HIGH SPEED (🐇), and down LOW SPEED (🐢). The throttle affects all mechanically engaged devices including cutting blades, PGC and travel speed.



An independent choke lever can be found on the same panel as the speed controller.

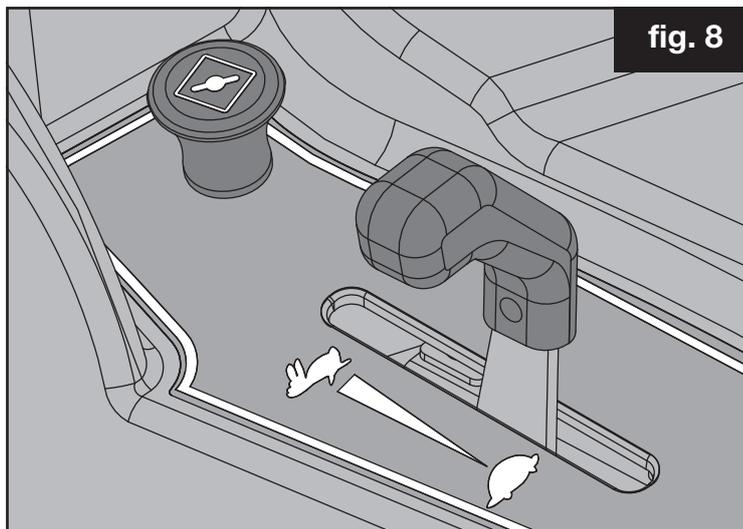


fig. 8

Integrated Engine Throttle Control (fig. 9)

On some models the control lever incorporates an automatic choke (fig. 9). On cold engine start set the lever between 75 and 100%. On warm start set the lever between 25 and 50% position.

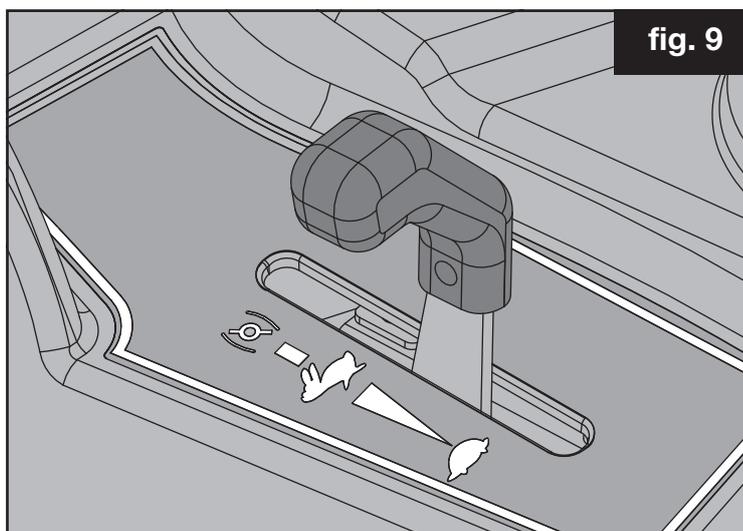


fig. 9

Central Dashboard Display (fig. 10)

The dashboard display has many functions (fig. 10). This panel uses LED indicator signals give information on the state of the tractor. The various display icons are described in detail from figures 10 - 25. The central display will remain dark until the tractor is started.

Fuel Level Gauge and Icon (fig. 10 - Circle A)

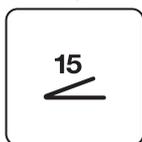


The fuel level indicator is on the far left of the display (fig. 10 - Circle A), and is highlighted with a diagram of a petrol pump. The fuel gauge displays across six coloured bars. When the

fuel tank is full the red, yellow and green bars will all appear lit. As the fuel level decreases lights will disappear. When the fuel level reaches the lowest red bar the fuel tank (fig. 81 / page 42) should be replenished with the appropriate type of petrol approved by the engine manufacturer.

FOR FUEL SPECIFICATIONS SEE ENGINE SUPPLIER MANUAL. IF MANUAL IS NOT AVAILABLE CHECK ENGINE MODEL NUMBER AND CONTACT MANUFACTURER FOR ADVICE.

15 Degree Slope Icon (fig. 10 - Circle B)



Fitted to four wheel drive models only. Your tractor is designed to climb grass slopes up to an incline of 15 degrees. If the tractor reaches this incline the slope icon will illuminate to indicate a potential hazard (fig. 10 - Circle B).

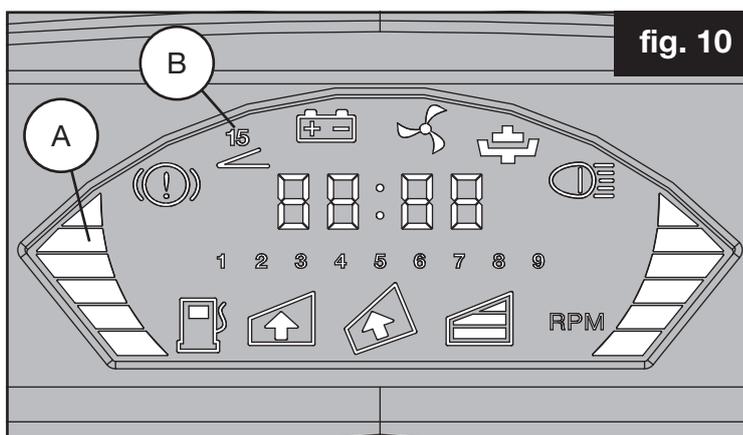


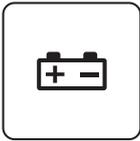
fig. 10



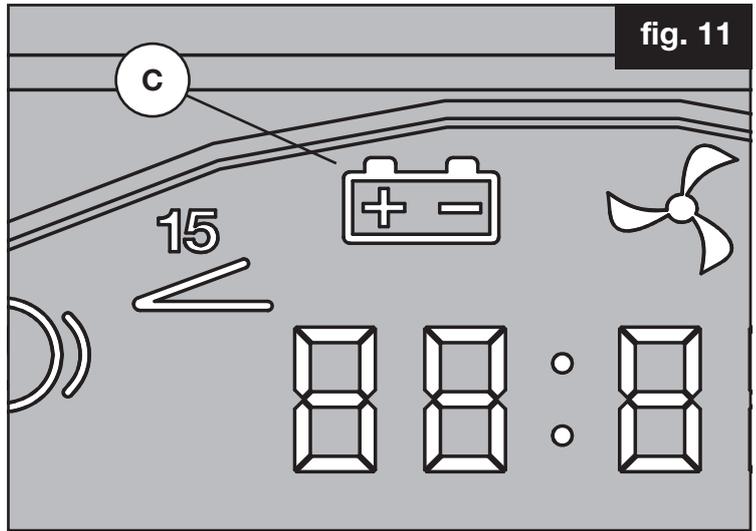
DO NOT IGNORE THIS LIGHT. DO NOT CONTINUE TO CLIMB THE SLOPE. Move the tractor in the opposite direction of travel to a lesser incline. When the slope icon light disappears it is safe to continue travel along a lower inclined path. Failure to comply with this process could lead to your tractor tipping. This could lead to severe injury or death.

Dashboard Display and Controls

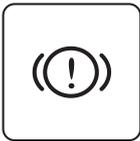
Battery Icon (fig. 11 - Circle C)



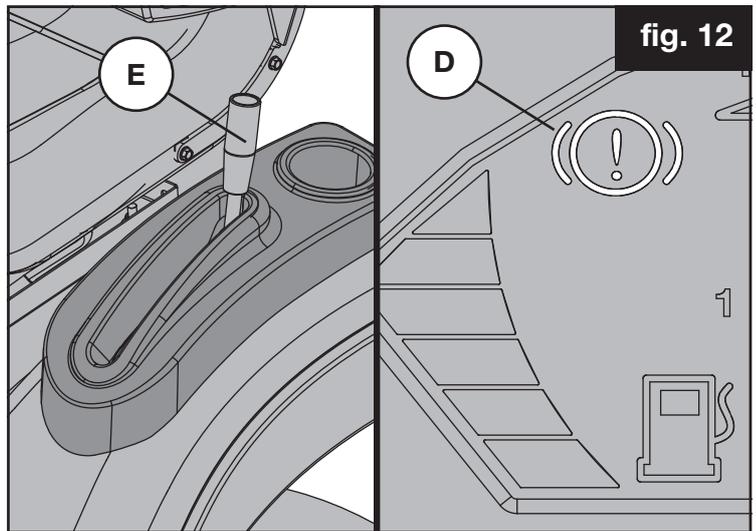
The battery icon will appear on engine start and within a few seconds should disappear. If the light remains constant or appears during normal running it is possible the battery is failing to supply sufficient charge or is flat. If battery problems persist seek advice from your Countax authorised dealer.



Parking Brake Icon (fig. 12 - Circle D)



The parking brake must always be engaged during startup (fig. 12E). When the icon appears lit (fig. 12D) the parking brake is engaged. When the brake is released the light will disappear.



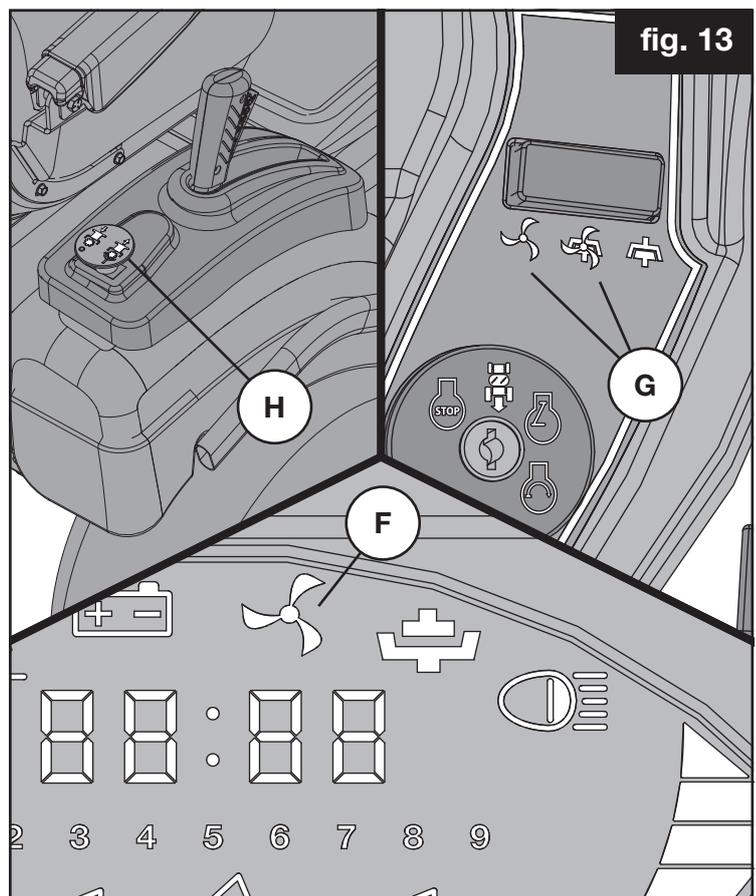
THE TRACTOR WILL NOT START IF THE PARKING BRAKE IS DISENGAGED.

DO NOT TRY TO USE THE FORWARD OR REVERSE PEDALS WHILE THE PARKING BRAKE IS ENGAGED.

Deck Cutter Blades Icon (fig. 13 - Circle F)



The blade icon appears lit (fig. 13F) when the cutting deck is in use and will remain lit until the deck is disengaged. To engage the deck select a cutting deck option using the right dash panel switch (fig. 13G). Now engage the PTO / Deck switch on the right rear body (fig. 13H).

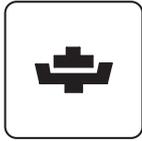


ALWAYS DISENGAGE THE PTO / DECK SWITCH BEFORE TURNING THE ENGINE ON OR OFF.

SEE CUTTING DECK INSTRUCTION SECTION FOR DETAILS ON HOW TO USE, ADJUST AND MAINTAIN THE DECK FEATURES OF YOUR TRACTOR.

Dashboard Display and Controls

PTO Icon (fig. 14 - Circle J)

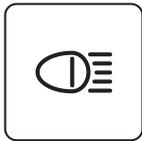


The PTO supplies power to rear belt driven accessories and the cutting deck. Rear accessory PTO engagement is indicated by the PTO icon (fig 14J). Rear PTO is engaged in much the same way as the deck.

Select a PTO option on the right dashboard panel (fig. 14K). Now engage the rear PTO / deck switch on the right rear body (fig. 14L).

Always disengage the rear PTO / deck switch before turning the engine ON or OFF.

Headlight Icon (fig. 15 - Circle O)



The headlights (fig. 15N) are controlled by the ignition key (fig. 15M). Headlights are in operation at all times when the engine is running. The dashboard headlight icon (fig.

15O) is not used for current models. It will not appear lit at any stage of operation.

RPM Meter (fig. 16 - Circle P)



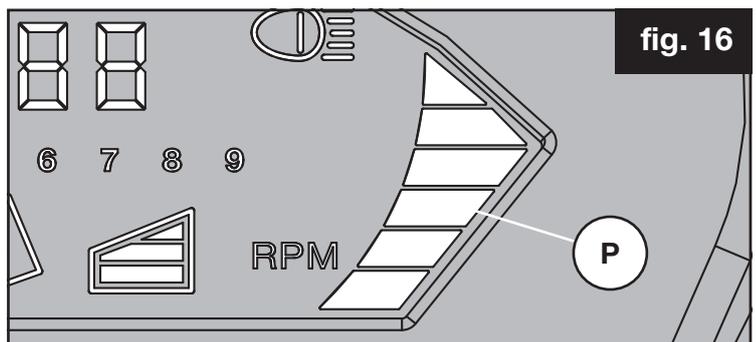
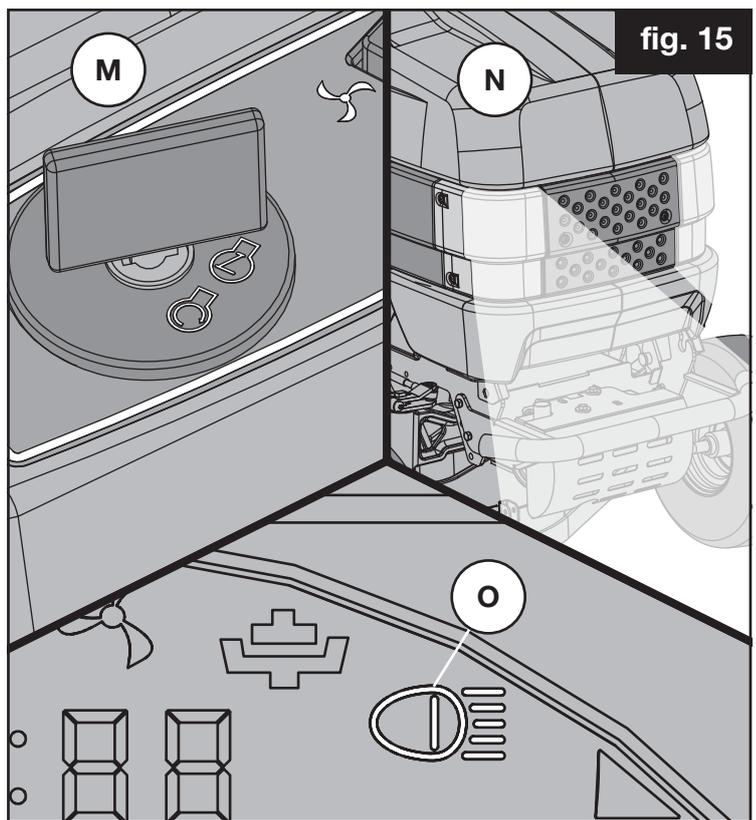
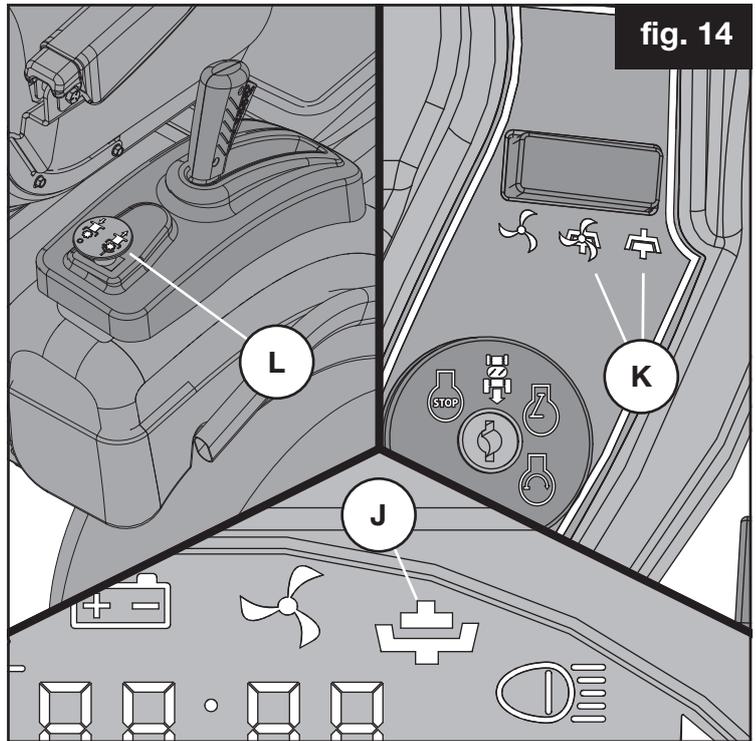
The RPM meter is displayed on the far right hand side of the control panel (fig. 16P). The meter displays engine input using a bar gauge and shows input over three colour

phases. Use the throttle controller (fig. 8 & 9) to set engine input. The RPM meter displays more coloured bars as the throttle is increased.

Engine input effects all mechanically engaged devices including cutting blades, PGC and travel speed.

It is generally advisable to set the throttle and RPM count high before engaging the cutter deck and / or rear PTO. This will prevent the engine from stalling due to the larger load.

For best cutting results always cut grass at full RPM and low travel speed. Keep the RPM meter in the highest throttle zone and control travel velocity using the forward or reverse pedals.



Net Up Icon (Fig. 17 - Circle S)



The net has two operation positions. The raised position is for net emptying and travel without grass collection (fig. 17Q). The net must be in the down or lower position in order to collect grass trimmings (fig. 17R). The net up icon (fig. 17S) remains lit if the net is raised. To raise and lower the net manually operate the PGC lift lever on the right hand side of the tractor as shown (fig. 17Q & 17R).

Do not lower the net over non grass cutting terrain. The PGC and net are designed to travel over grass and improper use can lead to excessive wear or damage.

Net Full Icon (Fig. 18)

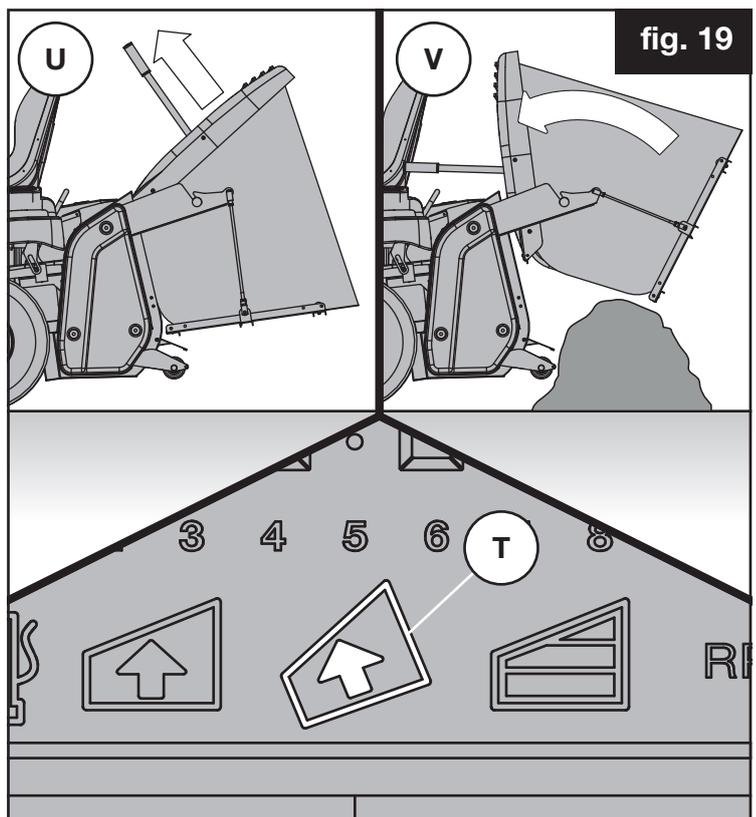
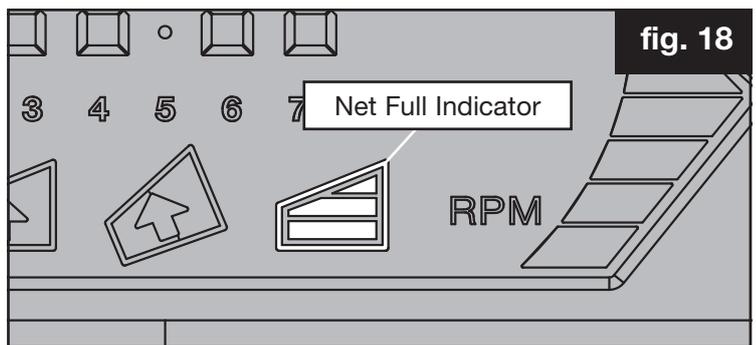
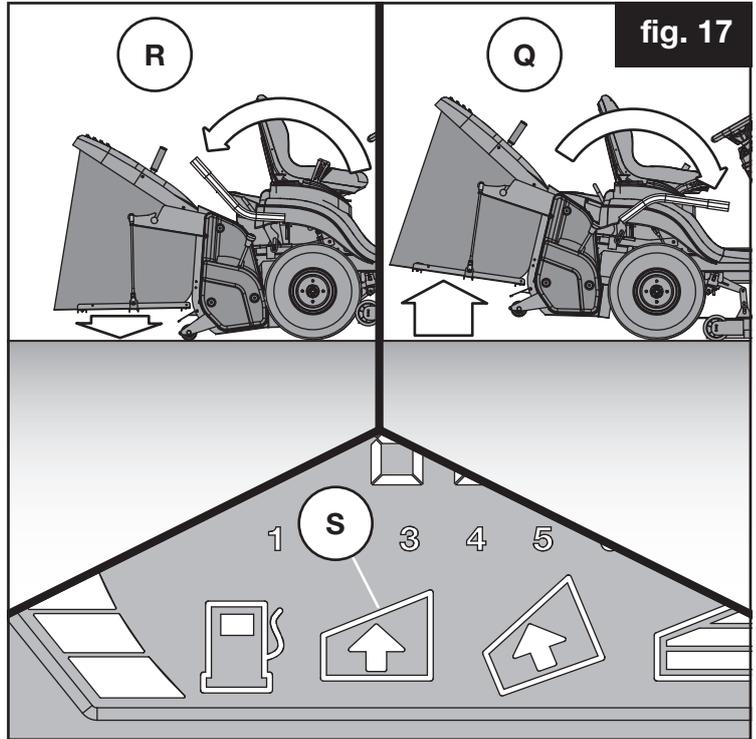


For models where net full indicator is fitted only. The icon appears when maximum net capacity is reached. It is not possible to collect any further grass cuttings. Perform the net empty operation before attempting any further cutting operation.

Net Tipping Icon (Fig. 19 - Circle T)



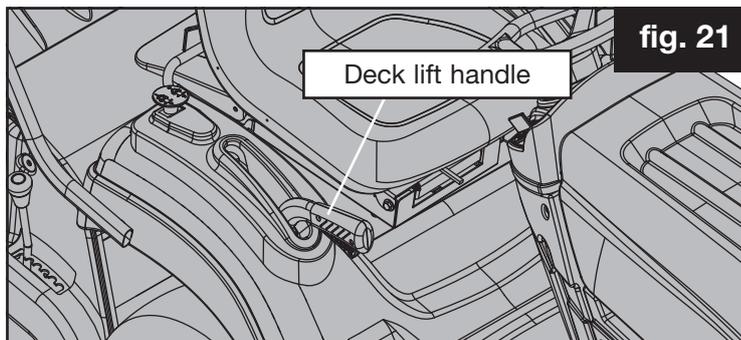
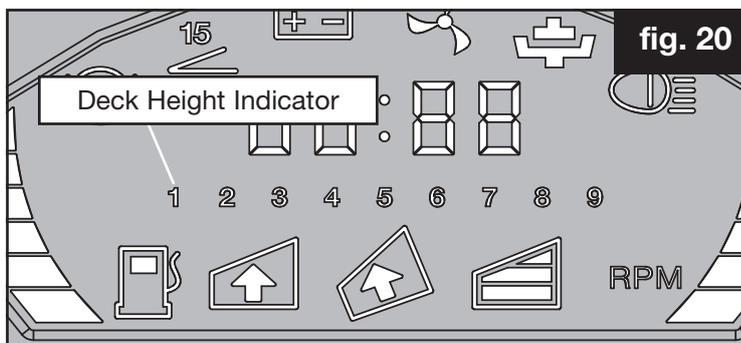
The net tipping icon appears while the net contents are being ejected (fig. 19T). The net must be placed in the raised position (fig. 17Q) to eject contents. In order to set net empty position extend the net handle (fig. 19U) and pull towards seat (fig. 19V). Hold the net in the empty position until contents are completely ejected. Reposition and lower the handle to the start position before attempting to continue cutting operation.



Deck Height Indicator Icons (fig. 20 & 21)

The dash display houses a set of icons that make up the deck height indicator (fig. 20). A lit LED shows the current deck height. Operate the deck lift handle (fig. 21) to change the deck height. The LED display will change to show the new deck position. There are nine deck height positions. Position 9 offers the longest cut, while position 1 offers the shortest.

To help prevent grass scalping start with a longer cut. Move the deck to a lower position on second trim to achieve desired finish.



Digital Display Clock (fig. 22 & 23)

The clock display has three functions.

Primary function (fig. 22) - During normal use the display indicates the current time in digital format.

Secondary function (fig. 23) - In secondary mode the clock displays engine rotational output in terms of revolutions per minute (RPM). The RPM level is displayed briefly at startup before the display switches to clock mode. The display also switches from clock mode briefly if engine output jumps when throttle is increased.

Setting the clock - The clock can be reset using the two hidden touch pads situated either side of the clock display (fig. 22).

To reset the clock

1 - press and hold touch pad 1 until the two circular digits begin to double flash.

2 - Press hidden touch pad 1 once to change the hour to the next sequential digit. Keep pressing the pad to cycle to the desired number.

3 - Press hidden touch pad 2 once to change the minute to the next sequential digit. Keep pressing the pad to cycle to the desired number.

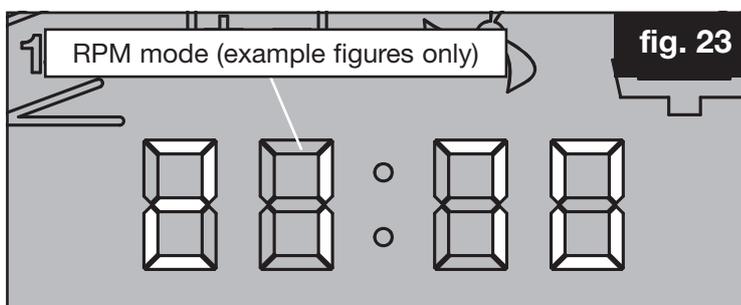
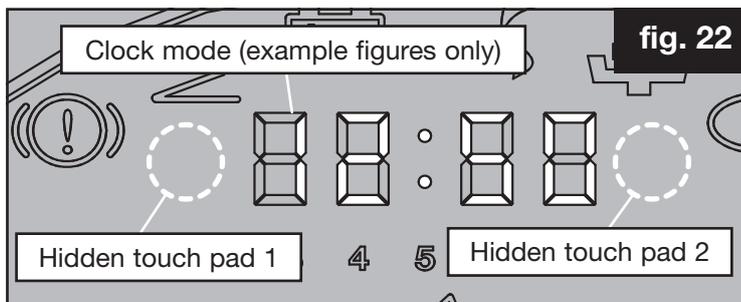
The clock will automatically leave edit mode when left for a few seconds. The two circular digits will revert back to single flash to signal the process is at an end.

Service intervals

The clock will automatically display Ins 1, Ins 2 and Ser at set intervals during the life of the tractor.

Ins 1 - Displayed at 20 hours total run time. At notification thoroughly visually inspect the condition of the tractor.

Ins 2 - Displayed at 50 hours total run time. At notification thoroughly visually inspect the condition of the tractor.



Ser - Displayed at 100 hours total run time. When this notification displays the tractor has completed 100 hours service. This unit requires full inspection and service by your nearest approved dealer.

Clearing inspection notes

To clear Ins 1 and Ins 2 notifications;

- Press and hold touch pad 1 until Clrd is displayed.

To clear Ser notification;

- Ser notifications must only be cleared by an approved dealer after the tractor is fully serviced.

See page 46 for service checklist information.

Controls - Moving, Stopping & Parking

Drive Controls (fig. 24)

The forward speed of the tractor is controlled by foot pedal 'A'. Reversing is controlled by foot pedal 'B'.

Driving / Reversing (fig. 24 & 25)

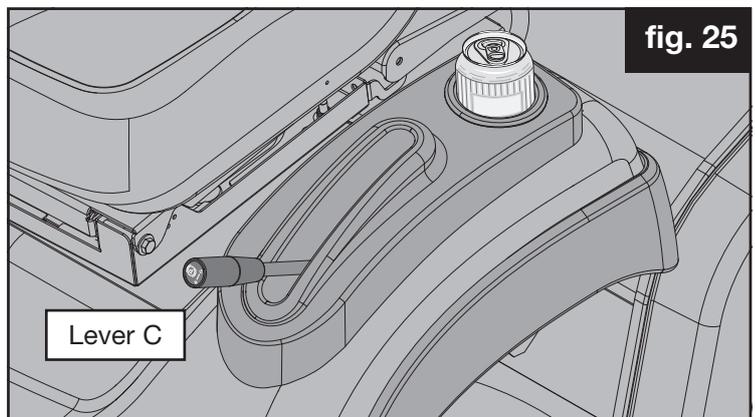
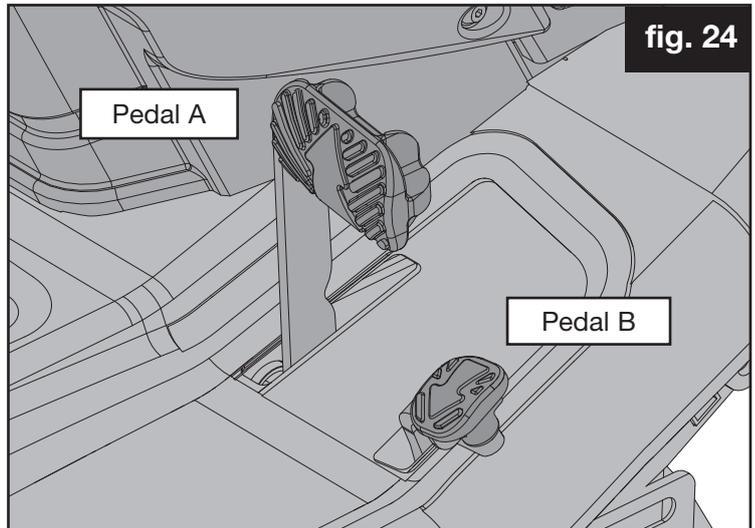
To move off, ensure your feet are off pedals 'A' and 'B' and then release the parking brake by pushing the hand lever 'C' (fig. 25) to the forward position. Now gently depress pedal 'A' and you will move off. The further you depress pedal 'A' the faster you will go. Its function is similar to that of a car accelerator except that it controls the hydrostatic transmission and does not affect the speed of the engine. To reverse simply depress pedal 'B' and the tractor will begin to reverse. As with the forward pedal, the speed of reversing is increased as the pedal is pushed further.

Stopping

To stop the tractor simply release either pedal 'A' or 'B' and the natural braking of the hydrostatic system will bring the tractor to a standstill. For smooth braking release either pedal gradually, for an emergency stop remove foot rapidly.

Parking (fig. 24 & 25)

Remove your foot from pedals 'A' or 'B' (as you would to stop normally) and then simply pull the parking brake (lever 'C') to the upright position. On engagement the parking brake icon will be indicated on the dashboard display (fig. 12 - circle D).



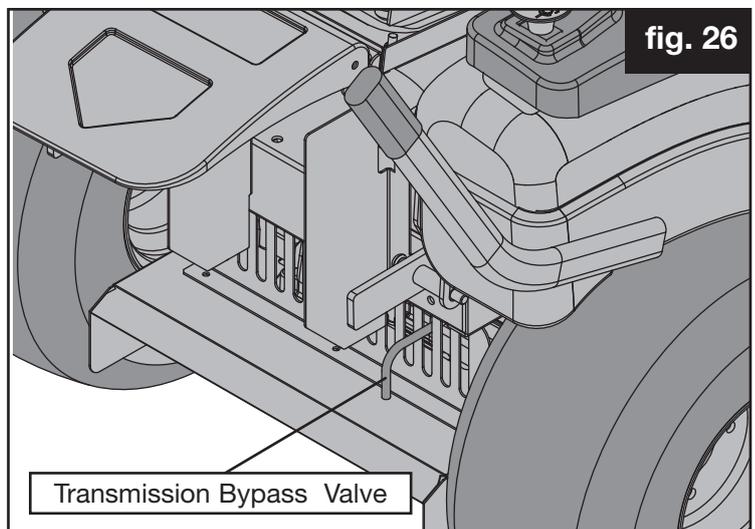
Transmission Bypass Valve (fig. 26)

The natural braking of hydrostatic transmission means that it is not possible to easily push or freewheel the tractor. To disengage, first make certain that the machine is on a flat even surface. Release the parking brake by moving lever 'C' forward. Locate the Neutral Valve, situated on the back plate near the towing bracket. Engage by pulling out the lever.

2WD units - You will now be able to push the tractor at a speed not exceeding 2 mph.

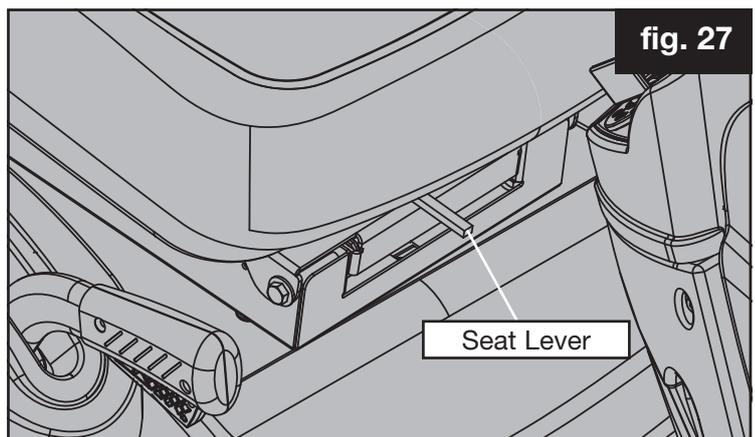
4WD units - Cannot be pushed. The tractor must be towed by a vehicle

Make sure you disengage the Neutral Valve by pushing the lever back BEFORE starting your tractor.



Seat Adjustment (fig. 27)

The seat on your tractor is adjustable forward and backward to suit the operator. Simply lift the latch underneath the front of the seat and slide the seat forward or backward as appropriate. Always ensure the seat is latched back into position before driving off.



Controls - Cutting Grass

Cutting Controls

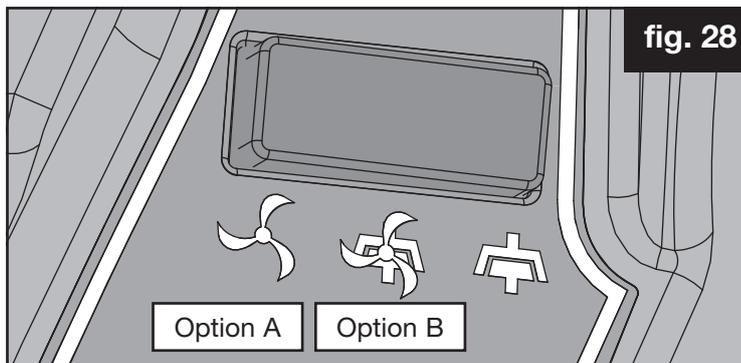
The PTO / Deck configuration switch (fig. 28) controls the electromagnetic blade clutch and rear PTO clutch.

To switch the cutter on;

1 - Select option A or B from the dashboard (fig. 28).

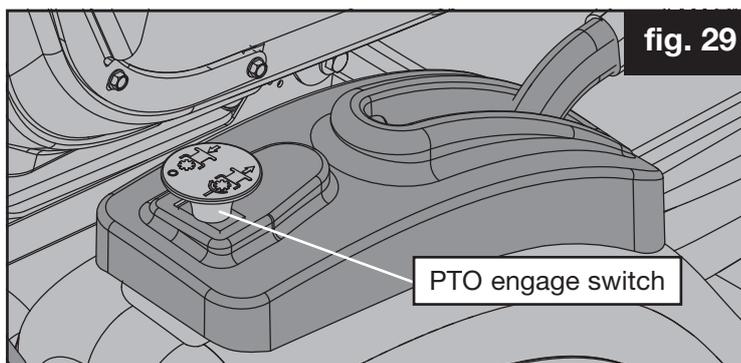
2 - Engage PTO (fig. 29).

3 - Operate the deck lift handle (fig. 30) to set the cutting height.

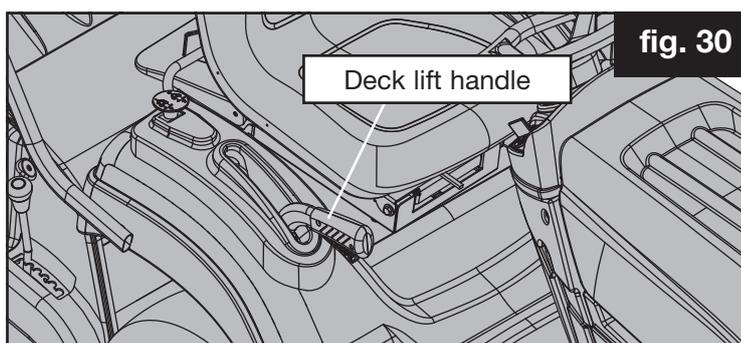


SET THE DECK TO LEVEL 9 FOR LONGEST CUT (fig. 31).

SET THE DECK TO LEVEL 1 FOR SHORTEST CUT (fig. 32).



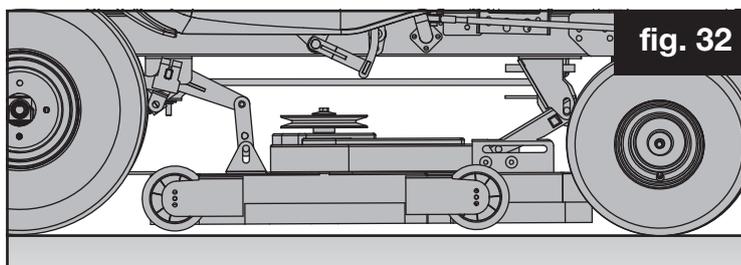
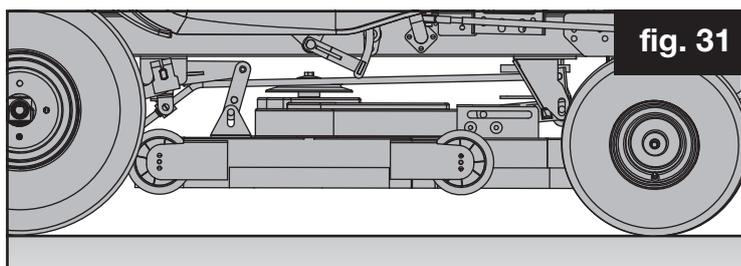
To stop the cutter deck, set the PTO engage switch to the OFF position. Although the cutter deck is automatically switched off when the engine is stopped or when the operator gets off the seat, it is not good practice to rely on these features, the cutter deck should always be switched OFF as soon as you have finished cutting and certainly BEFORE stopping the engine or getting off the tractor. The cutter will only work whilst the operator is sat on the seat.



To help prevent grass scalping start with a longer cut. Move the deck to a lower position on second trim to achieve desired finish.

RMO System (Reverse Mow Override)

The RMO system is described in more detail on page 15. All models of the tractor have the RMO system fitted as standard. This system will shut down the cutter deck if the reverse pedal is pressed during normal operation (ignition key position 3). When this happens bring the tractor to a complete stop, perform the normal safety checks, press the PTO engage switch down (fig. 3, page 12, control 12) to reset and then pull the switch to re-engage the deck to continue mowing in the forward direction.



Warning: It is not recommended to mow in reverse!

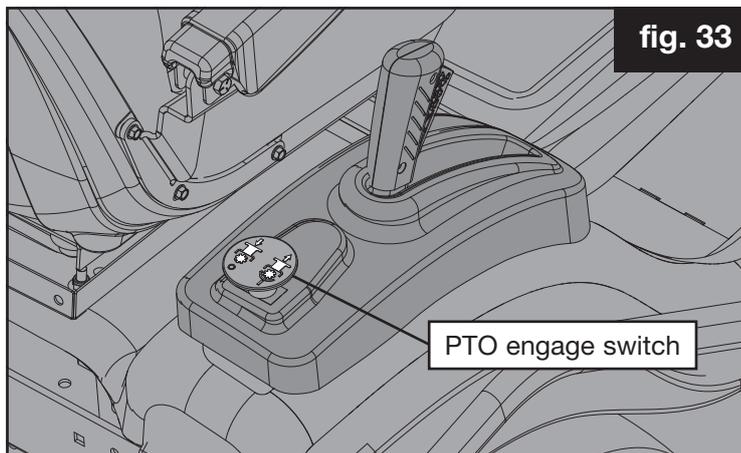
Controls - Collecting Grass (PGC & Net)

PGC

The Powered Grass Collector (PGC) is mechanically engaged via a pulley belt driven by the rear tractor PTO clutch.

Before attempting to engage the PGC ensure the tractor engine is running and throttle is set to 100%.

The PTO switch (fig. 33) must be set to position 0 (disengaged). Engaging the PGC before attempting to start the tractor will prevent ignition.

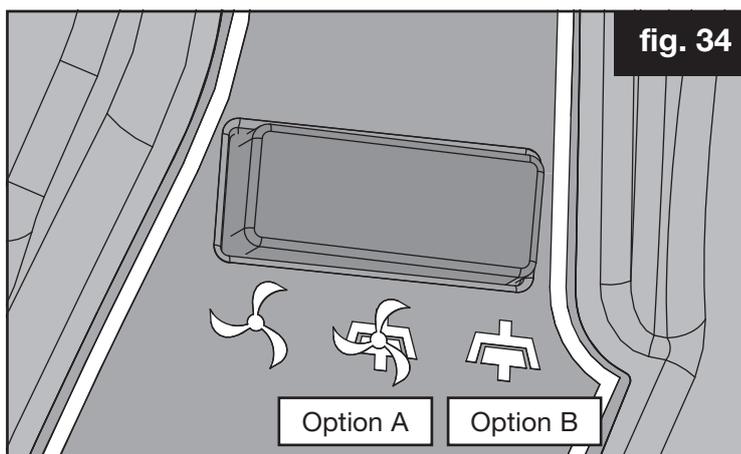


Engaging Rear PTO & PGC Accessory

1. Select either PTO & Deck (Option A) or PTO Only (Option B) on the dashboard display (fig. 34).

WARNING: READ CUTTING GRASS SECTION BEFORE ENGAGING DECK FEATURES.

2. Pull the PTO switch (fig. 33) to position 1 to start the PTO clutch.
3. Lower the PGC to the collection position using the PGC lift lever (fig. 35).



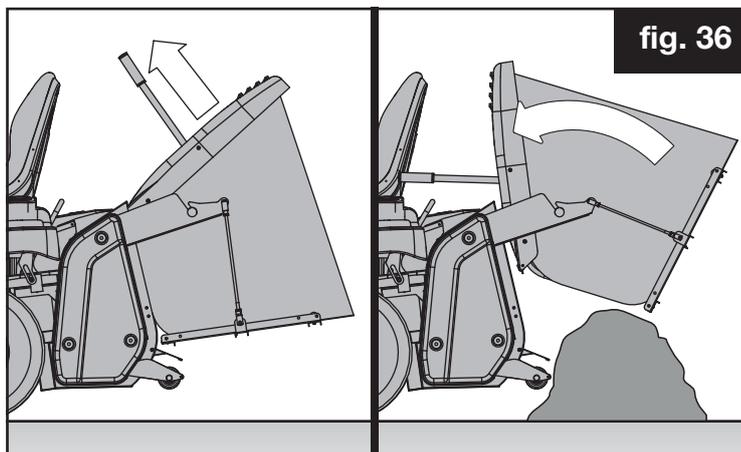
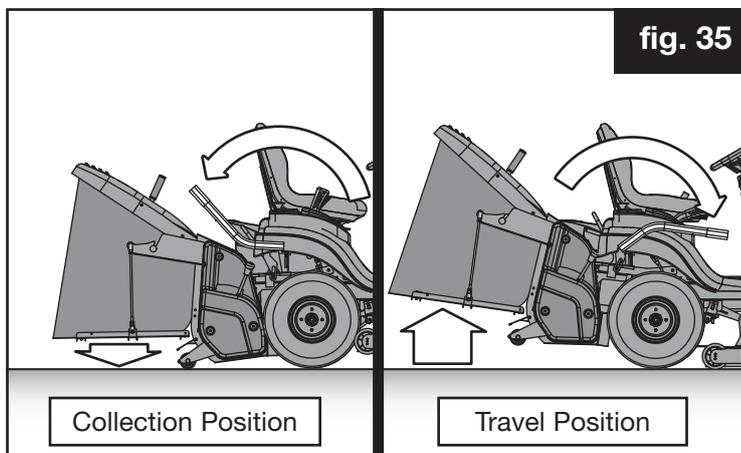
Disengaging Rear PTO & PGC Accessory

1. Push the PTO switch (fig. 33) to position 0 to disengage the PTO drive belt.
2. Raise the PGC to the travel / net empty position using the PGC lift lever (fig. 35).

PGC Net Empty (fig. 36)

To empty the net:

1. Push the PTO switch (fig. 33) to position 0 to disengage the PTO drive belt.
2. Raise the PGC to the travel position using the PGC lift lever (fig. 35).
3. Extend the PGC net tipping lever, then rotate the lever forward to the seat (fig. 36).
4. After successful grass trimming ejection place lever in original position to reset mechanism.



Controls - Collecting Grass (PGC & Net)

Adjusting the sweeper height (fig. 37)

Use the sweeper height lever to select the position appropriate to the conditions and the height of cut.

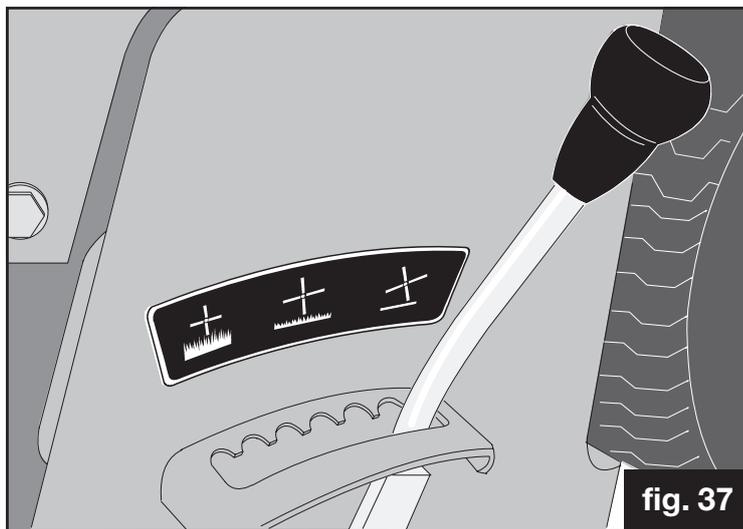
TO GET THE BEST SWEEPING PERFORMANCE AND TO PRESERVE THE BRUSHES SELECT THE HIGHEST SETTING THAT WORKS – start high and adjust down until the brushes start to collect (normally the middle adjustment hole). Do not set the brushes too low – this will lead to scarifying and a very untidy finish as well as shortening brush life.

Standard grass collection

When cutting the grass and collecting follow these simple steps:

1. Always run the engine at maximum speed.
2. Lower the sweeper to the working position. REMEMBER: TO GET THE BEST SWEEPING PERFORMANCE AND TO PRESERVE THE BRUSHES, SELECT THE HIGHEST SETTING THAT WORKS.
3. Engage the sweeper drive.
4. Engage the cutter deck drive.
5. Lower the deck to the desired height of cut.
6. Drive forward at a speed that does not cause the engine speed to drop. REMEMBER: if the engine output drops, there are two options:
 - a) Reduce forward speed
 - b) Raise the cutting height.

Sometimes when cutting long grass or a paddock, it may be better to cut the grass and disperse the clippings directly to the ground. In this situation remove the PGC, and use a HGM Deck or XRD Deck.



Deck Side Guard Removal

Side Guards (fig.D1)

Tractors produced from October 2014 are fitted with plastic side guards as standard (see fig. D1). One guard is fitted either side of the tractor. These guards are safety devices designed to shield the pulleys and belts located under the chassis. Side guards must be fitted at all times when the tractor is in use. Guarding must only be removed when performing maintenance and deck removal / installation.

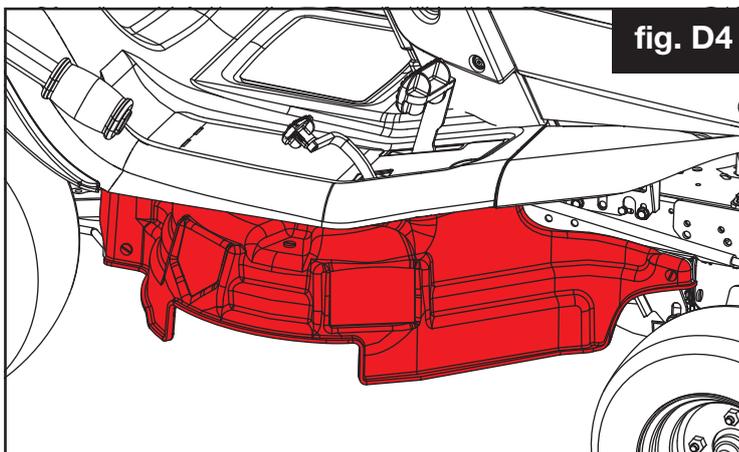
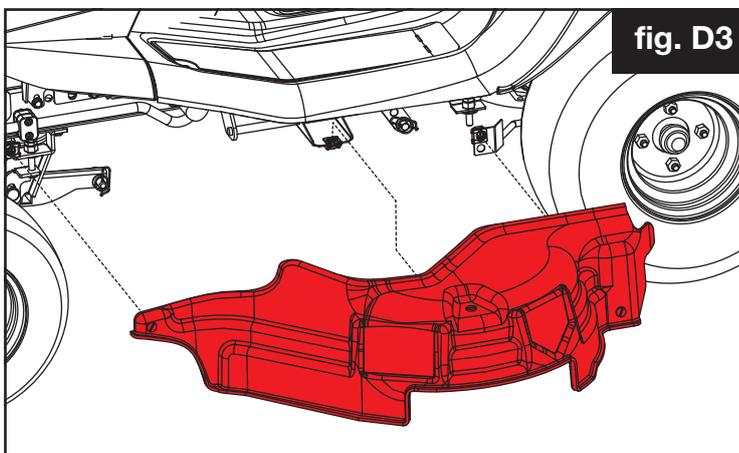
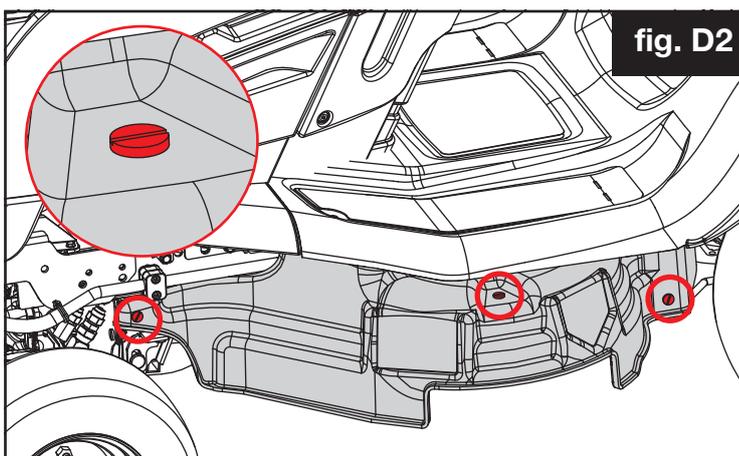
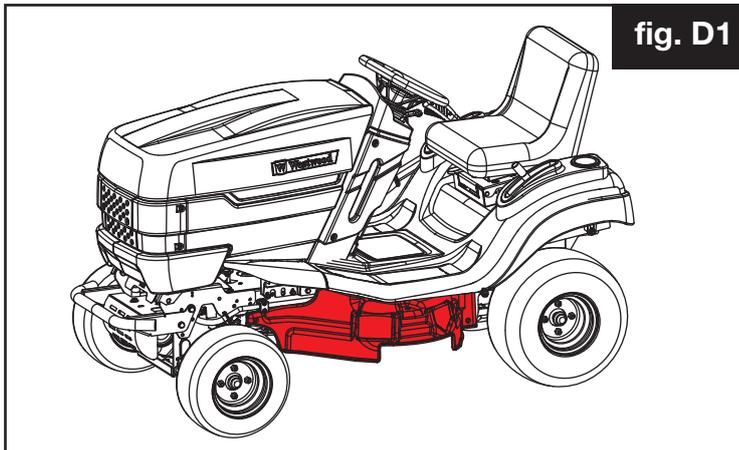
Side guards do not shield the user or bystanders from the deck cutting blades. Continue to follow safety procedures and keep hands and feet a safe distance away from the deck blades at all times. Warning! The side guards must not be used as steps. Guard fixings are not designed to carry any weight other than the guards. Guarding is for shielding purposes only. Failure to comply could result in serious injury.

Do not attempt to remove the side guards while the tractor is in use. The tractor must be stationary and parked on a flat even surface. The engine must be disengaged and the ignition key must be removed. Engage the parking brake and do not attempt to remove the guards until all mechanisms, blades and belts have stopped.

Guard removal

1. To remove the left side guard (fig. D1), rotate each of the three slotted fixings (fasteners circled in fig. D2) 45 degrees to the open position.
2. Lift the guard slightly (to remove fixing from bracket), then remove it to the side (fig. D3).
3. Repeat process for right side guard (fig.D4).

To re-install the guards locate the tractor mounting points and reverse the above process. Ensure all fastenings are locked before operating the tractor.



Cutter Decks

XRD Deck (Fig. 38)

Your tractor may have been supplied with an XRD Deck. This deck is primarily used for precision grass cutting. XRD Decks dispose of grass through a rear discharge system. For this reason these decks are ideal for collecting grass with the PGC and net collector.

Mulching with XRD Decks (fig. 39)

A mulcher stiffener plug is available for XRD Decks. To adapt the deck for mulching attach the mulcher plug to the deck (fig. 39) and fix in place using supplied fasteners.

Mulcher to rear discharge conversion

Mulch plugs can be removed when the deck is installed on the tractor. To switch from a mulch deck to a rear discharge, lift the deck to its highest position and undo the two mulch plug fixings at the rear of the deck. Once undone the mulch plug assembly is pulled out to make the deck a rear discharge. In order to convert the rear discharge to mulch, reverse the procedure so the top stiffener is back in the deck.

Deck Rotation (fig. 40 & 41)

The XRD Deck is designed to channel grass cuttings towards the rear of the tractor. In order to function as intended all deck blades must be installed to rotate in the correct direction. From the seated position the deck drive shaft rotates in a clockwise direction. All blades follow the path laid out by the internal deck belt and rotate as shown in fig. 40.

Deck blades must be installed to match rotation. fig. 41 shows blade rotation perspective from the base from under the tractor.

WHEN PERFORMING BLADE MAINTENANCE OR CHANGING CUTTER BLADES ALWAYS USE A TORQUE WRENCH TO REPLACE FIXINGS.

BLADES MUST ONLY BE CHANGED BY TRAINED OPERATORS.

TORQUE VALUES FOR BLADE FIXINGS:

M10 FIXINGS = 50.9 Nm / 37.5 ft.lb

M8 FIXINGS = 25.3 Nm / 18.6 ft.lb

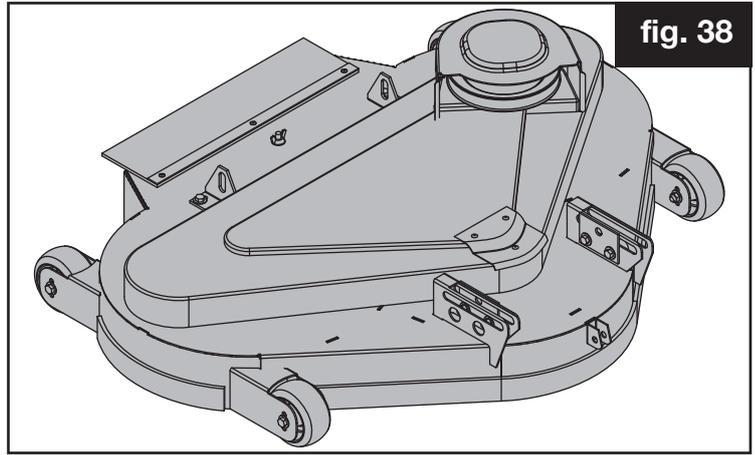


fig. 38

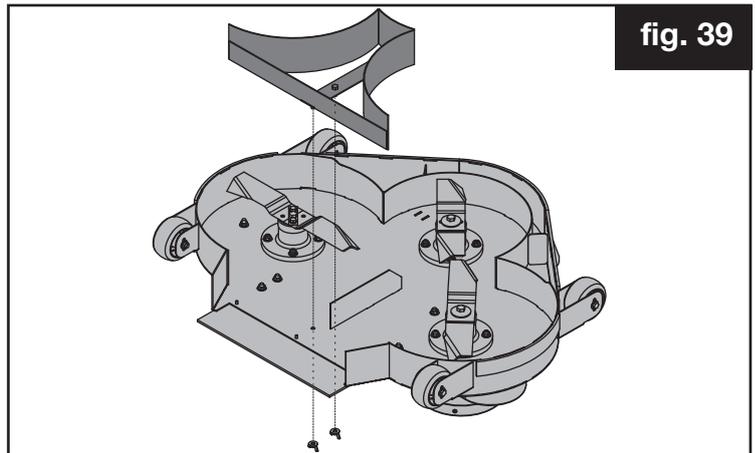


fig. 39

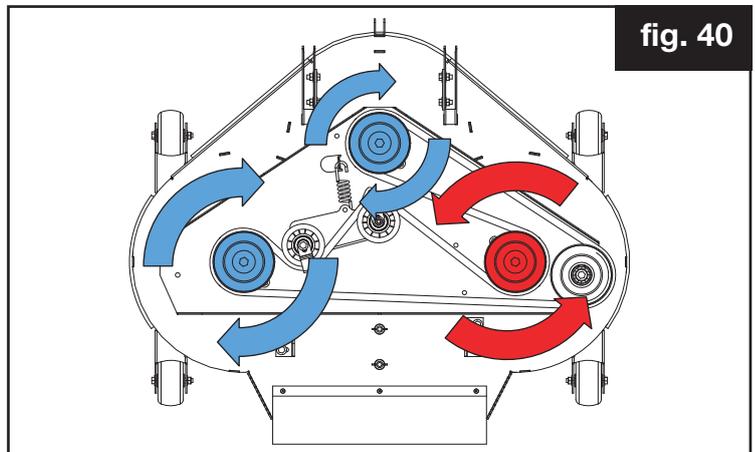


fig. 40

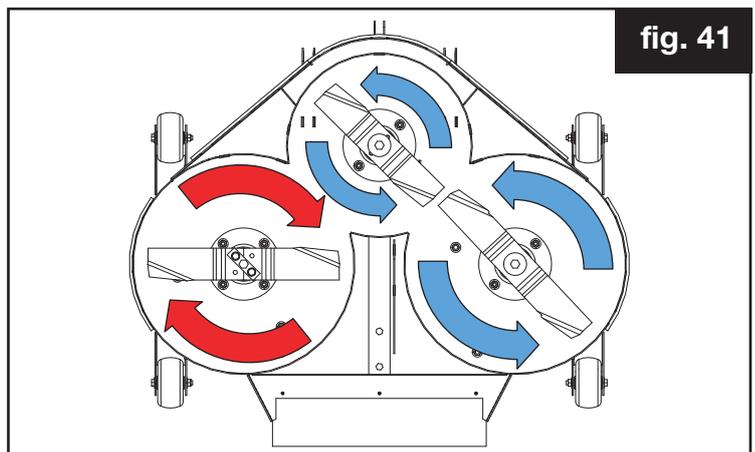


fig. 41

Cutter Decks

High Grass Mulcher Deck (fig. 42)

Your tractor may have been supplied with a High Grass Mulcher (HGM) Deck. HGM Decks are the best choice when cutting long or paddock grass. These decks are ideal for mulch mowing where grass collection is not required.

When using the high grass mulch deck please ensure the following:

1. When cutting very tall grass set the deck at the higher settings 7-9.
2. Drive forward at a speed that does not cause the engine output to drop. If the RPM drops, there are two options:
 - a) Reduce forward speed
 - b) Raise the cutting height.

Deck Rotation (fig. 43 & 44)

The HGM Deck is designed to distort grass cutting direction of travel while maximizing mulching capability. In order to function as intended all deck blades must be installed to rotate in the correct direction. From the seated position the deck drive shaft rotates in a clockwise direction. All blades follow the path laid out by the internal deck belt and rotate as shown in fig. 43.

Deck blades must be installed to match rotation. fig. 44 shows blade rotation perspective from the base from under the tractor.

WHEN PERFORMING BLADE MAINTENANCE OR CHANGING CUTTER BLADES ALWAYS USE A TORQUE RENCH TO REPLACE FIXINGS.

BLADES MUST ONLY BE CHANGED BY TRAINED OPERATORS.

TORQUE VALUES FOR BLADE FIXINGS:

M10 FIXINGS = 50.9 Nm / 37.5 ft.lb

M8 FIXINGS = 25.3 Nm / 18.6 ft.lb

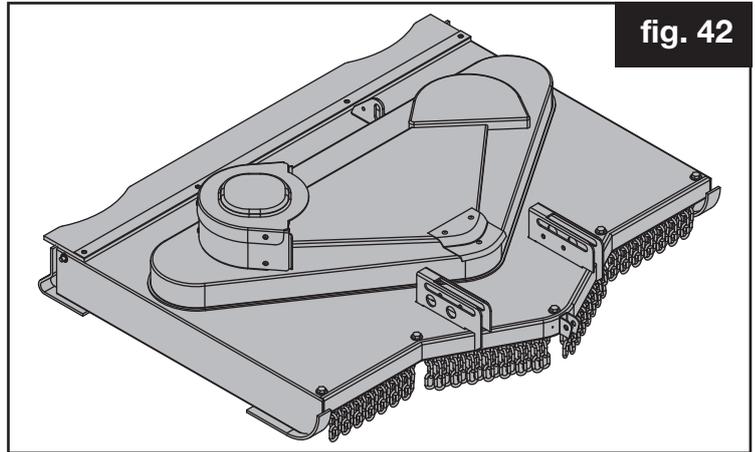


fig. 42

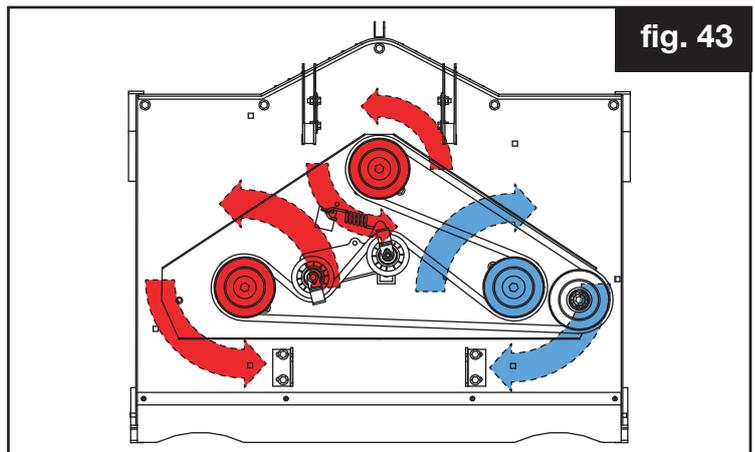


fig. 43

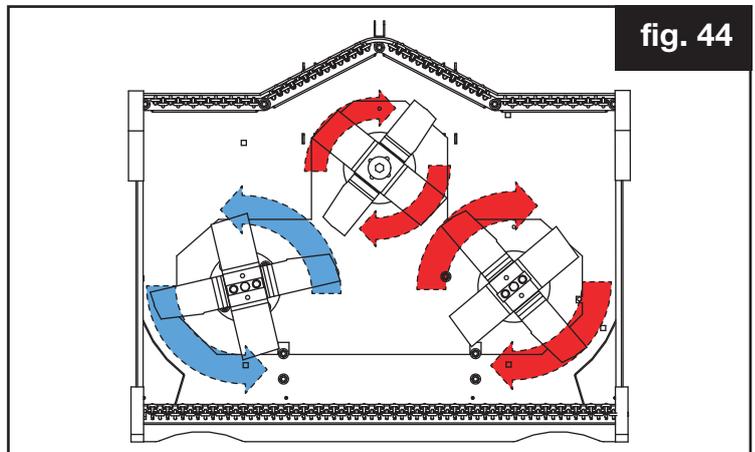


fig. 44

Cutter Decks

Mulching (fig. 45)

The Mulching cutter deck has three mulching compartments. Grass cuttings are lifted and cut several times. The small grass particles release nutrients back into the soil for healthy growth.

Mulch Mowing (fig. 45)

Mulching can save time, avoids creating piles of rotting cuttings and feeds your lawn. When Mulch mowing it is necessary to observe certain rules:

1. Reduce the height of the grass by no more than 1/3rd its height in each pass. If the grass has grown long make several passes to achieve the cut height you require.
2. Run the engine at maximum speed.
3. Mow often, particularly in spring and early summer. Short clippings of 25 mm (1") or less decompose more quickly.
4. If an unsightly residue of cuttings is being left – increase the cutting height.
5. Vary the mowing pattern from cut to cut.
6. Always keep the underside of the cutting deck clean to ensure good grass flow.
7. Always check that the blades are sharp and in good condition – never attempt to sharpen or replace them yourself.

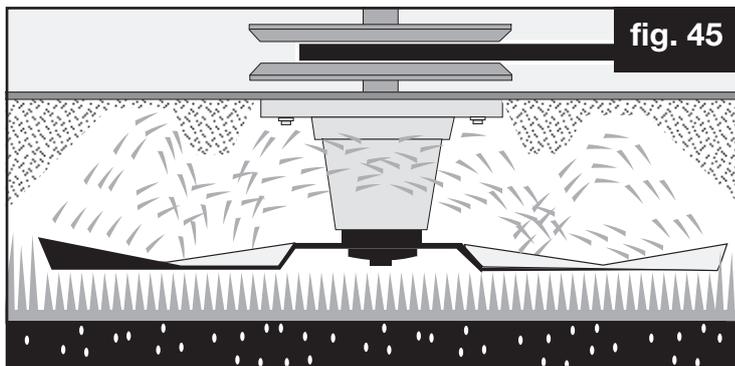


fig. 45

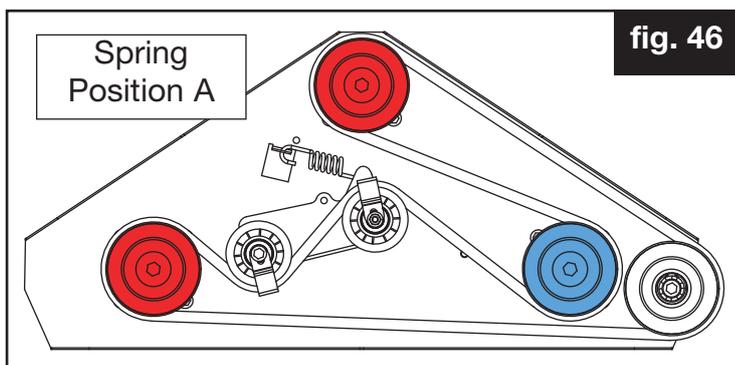


fig. 46

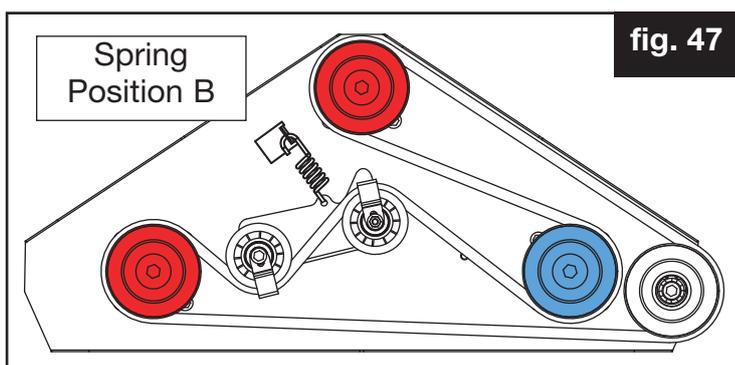


fig. 47

Belt Arrangement (figs. 46, 47, 48 & 49)

Fig. 46 – Belts installed spring in position A

42 XRD Deck with AA120 Belt

Fig. 47 – Belts installed spring in position B

36 HGM Deck with AA105 Belt

36 XRD Deck with AA105 Belt

38 XRD Deck with AA112 Belt

48 XRD Deck with BB136 Belt

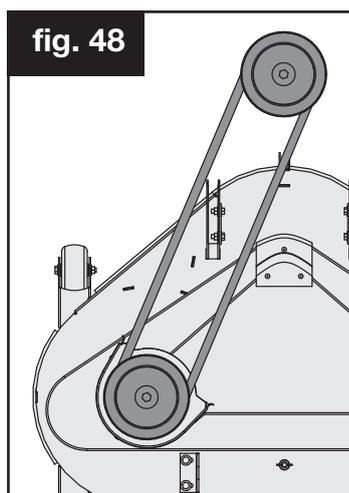


fig. 48

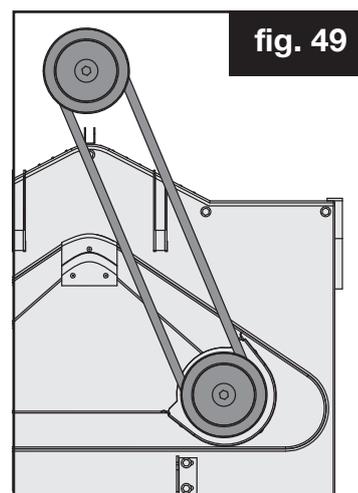


fig. 49

Fig. 48 – XRD to Tractor Drive Belts

36 XRD Deck with B56 Belt

38 XRD Deck with B57 Belt

42 XRD Deck with B59 Belt

48 XRD Deck with B61 Belt

Fig. 49 – HGM to Tractor Drive Belts

36 HGM Deck with B53 Belt

Basic Cutter Deck Removal

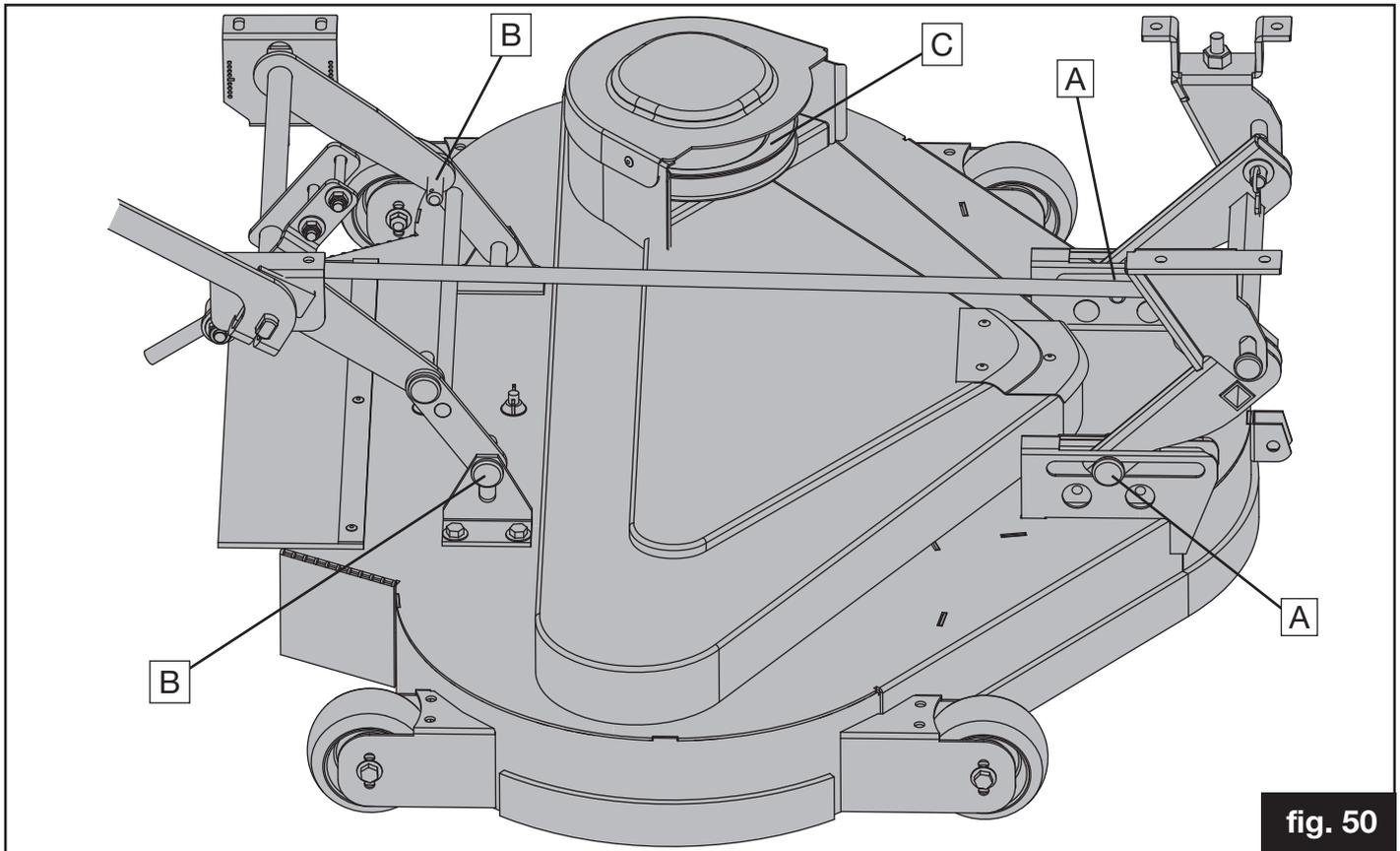


fig. 50

Removal of cutter deck (fig. 50, 51, 52, 53 & 53a)

The Cutter Deck is quickly installed. It may also be necessary to remove the deck from time to time for servicing or cleaning, or to give greater clearance when driving or towing over uneven ground.

To Remove

First engage the parking brake, turn off the engine and remove the ignition key. Wait for all moving parts, blades and belts to stop moving, remove the spark plugs then follow this sequence:

1. Lower the cutting deck to its lowest position.
2. De-tension the Cutter Drive Belt by removing the tension rod from the front of the deck (fig. 51 - D). See tensioner setup section for rod installation guidance.
3. Remove the belt (fig. 52 - belt E) from the pulley (fig. 50 - pulley marked C).
4. Remove the 2 securing pins from the front of the deck (fig. 50 - pins marked A) by undoing the Rue Clips (Fig. 53a installed correctly) and removing them.
5. Repeat for the 2 securing pins at the back of the deck (Fig. 50 - pins marked B).
6. Slip the cutter drive belt off the Engine Pulley.
7. Put steering onto full lock to ease deck out.

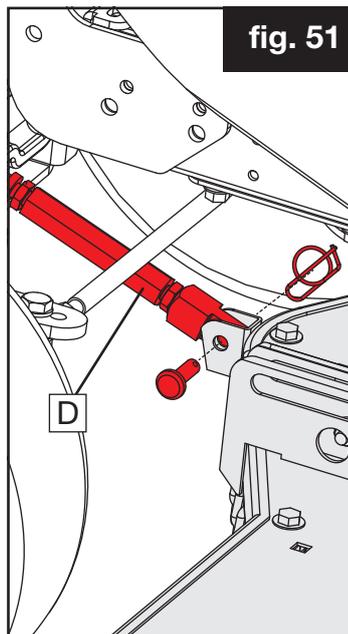


fig. 51

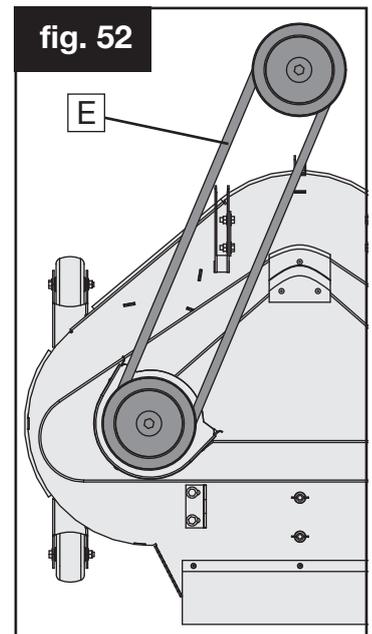


fig. 52

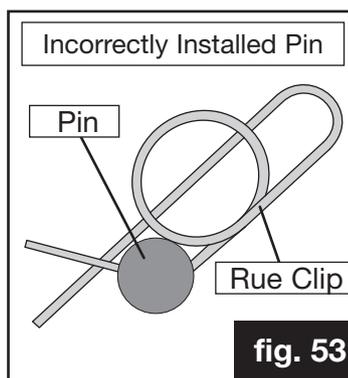


fig. 53

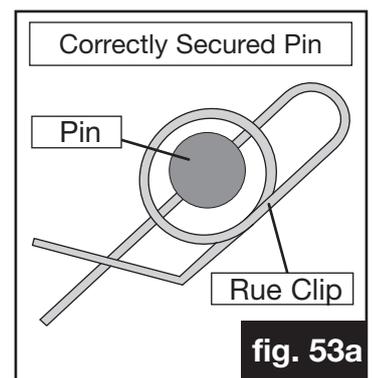


fig. 53a

WARNING: ENSURE ANY RUE CLIPS ARE REINSTALLED AND SECURED CORRECTLY OVER THE PIN

Cutter Deck Installation (Tension Rod)

Installation (Fig. 38)

The Deck Tension Rod stabilizes the deck and applies tension to the drive belt. The belt will not drive the deck efficiently without this rod correctly installed. The information in this section expands on the instructions mentioned in the basic removal section.

IMPORTANT! DO NOT ATTEMPT TO INSTALL THE DECK TENSION ROD UNLESS RUE CLIPS AND PINS ARE FIRST INSTALLED ON BOTH FRONT AND REAR DECK BRACKETS (fig. 50, 53 & 53a).

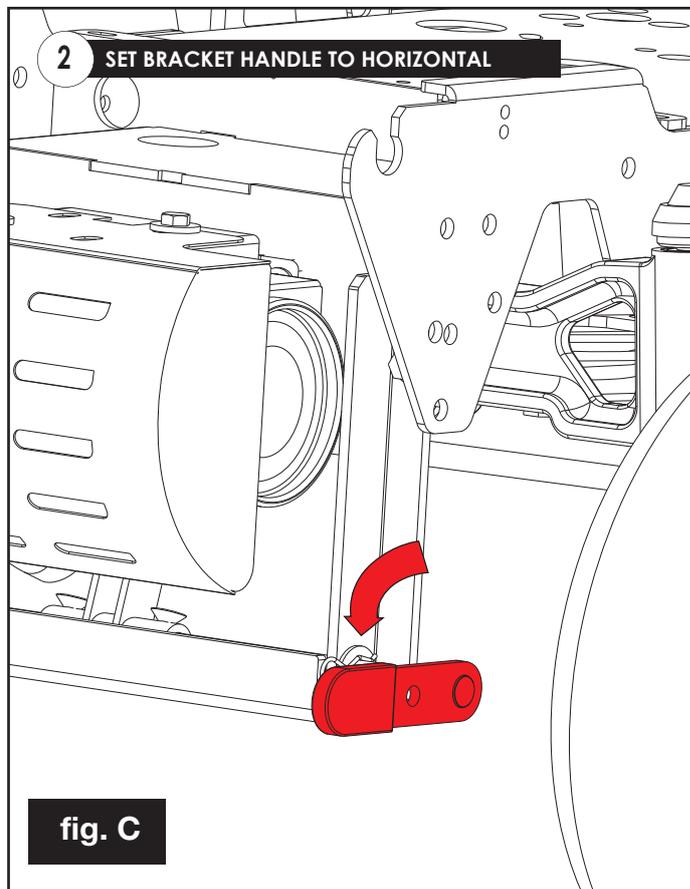
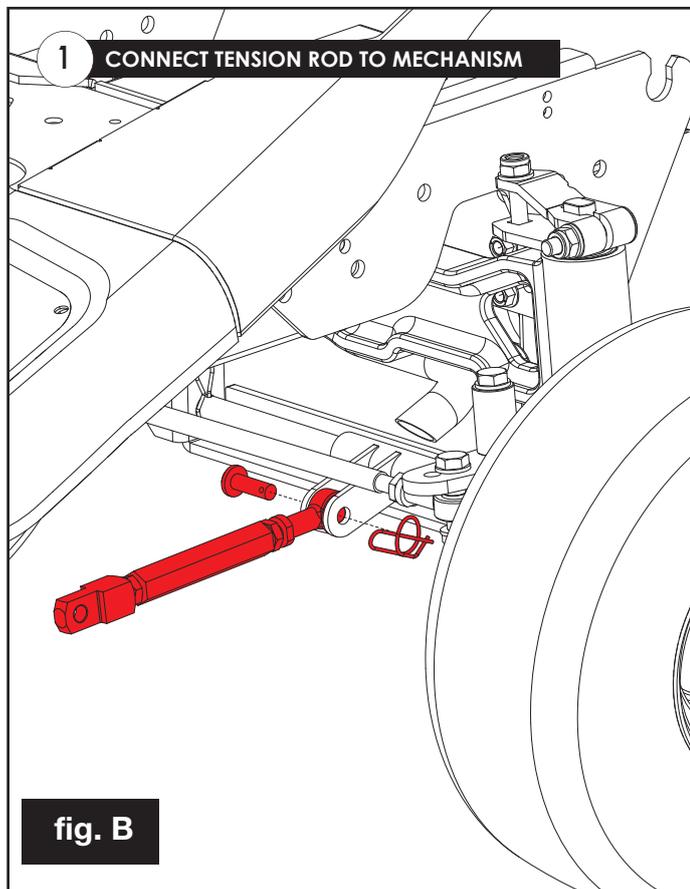
Six deck tension rods are available. These rods are specific to certain decks. The rod is supplied with the deck as standard on models made after June 2014. The rods are also available as a kit.

Kit	Kit Number	Compatible Decks
Tension Rod Kit 1	50100041	36 HGM, 48 IBS
Tension Rod Kit 2	50100043	36 & 42 XRD
Tension Rod Kit 3	50100044	38 XRD, 36 & 42 IBS, 38 COMBI
Tension Rod Kit 4	50100053	48 XRD
Tension Rod Kit 5	50100052	44 COMBI
Tension Rod Kit 6	50100054	38 IBS

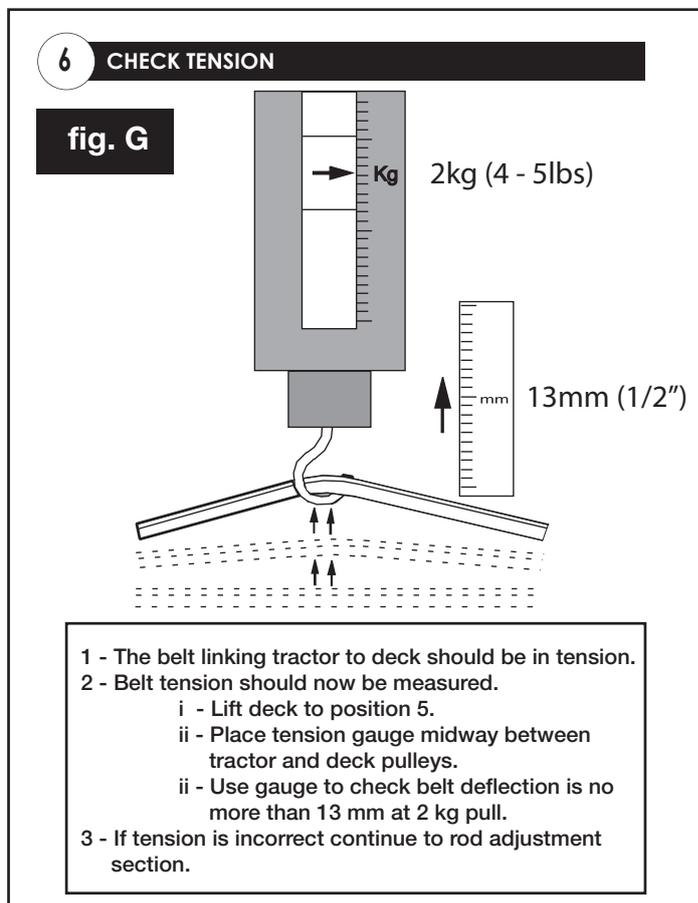
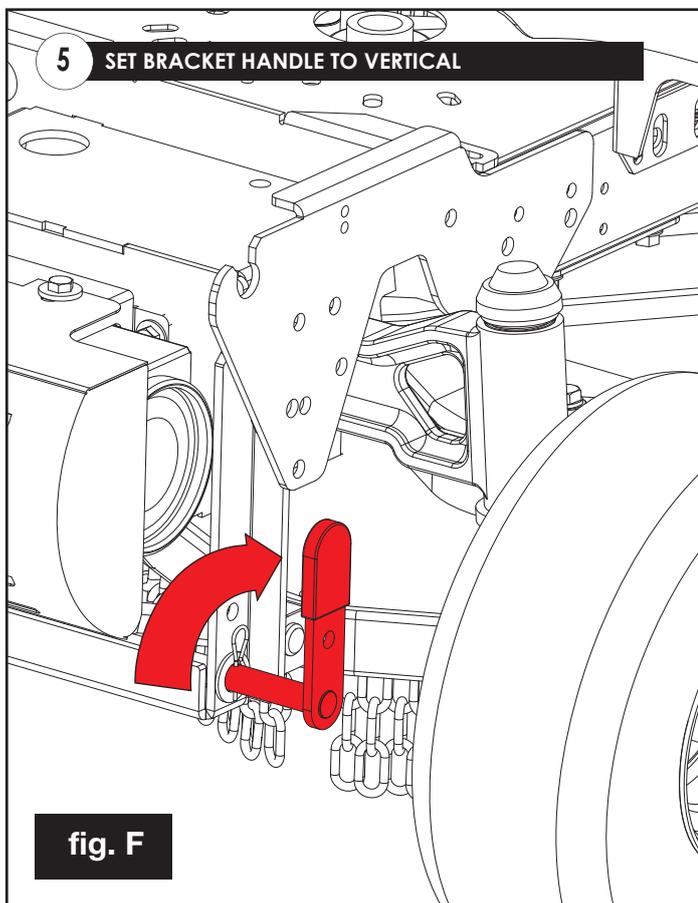
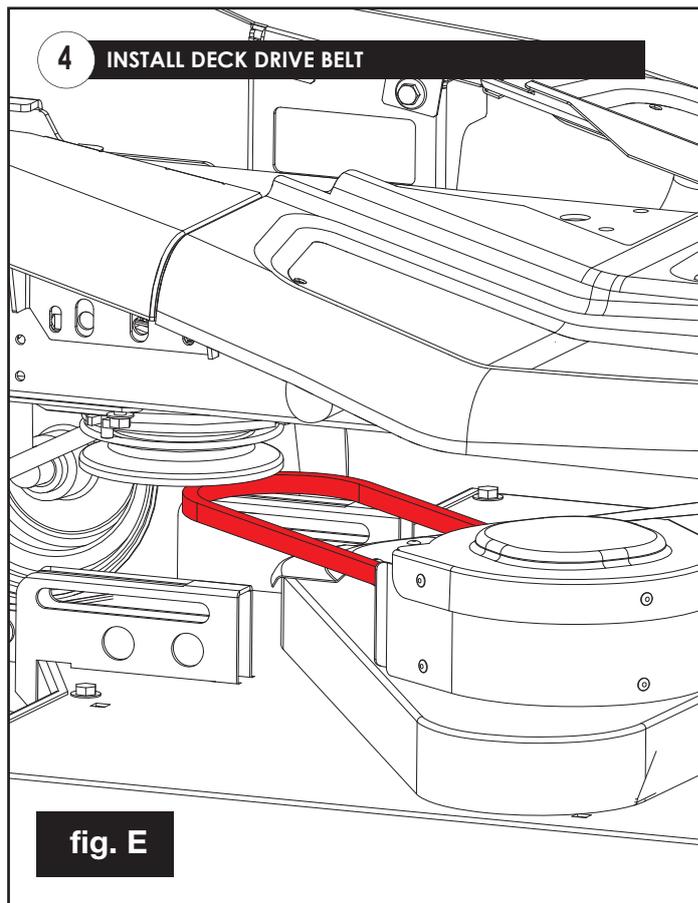
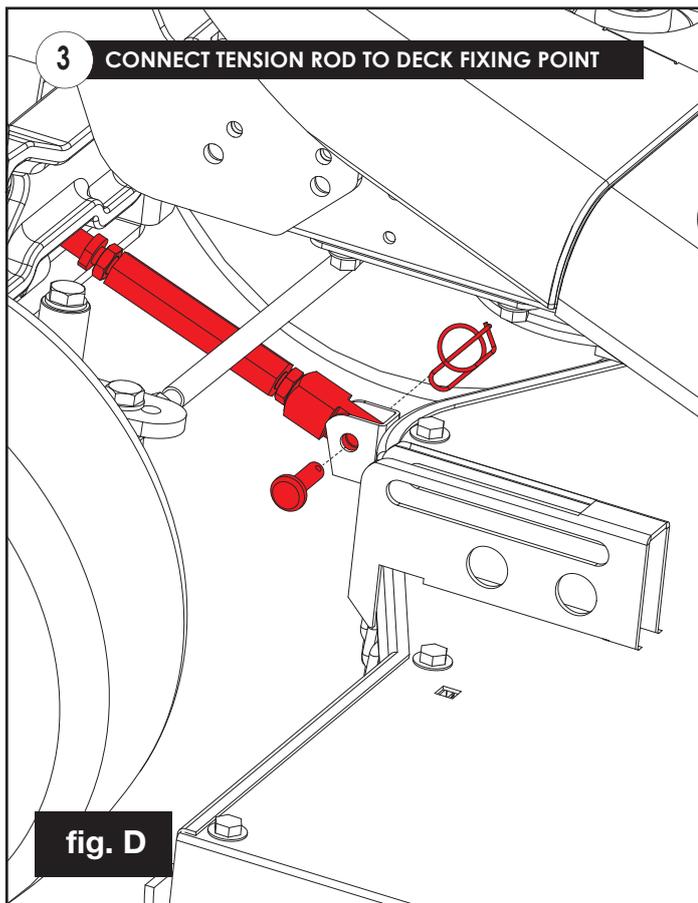
Select the required rod assembly then follow the diagrammatic guide outlined in fig. B - K. Ensure the rod length is set according to the Fig. A

fig. A TENSION ROD DIAGRAM

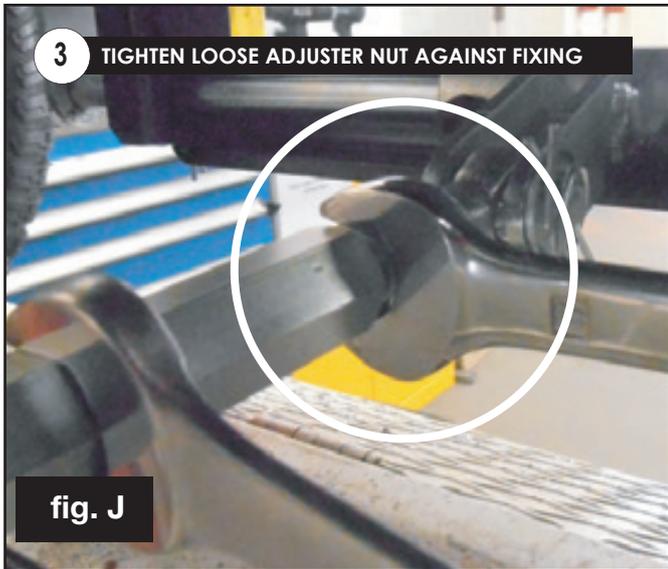
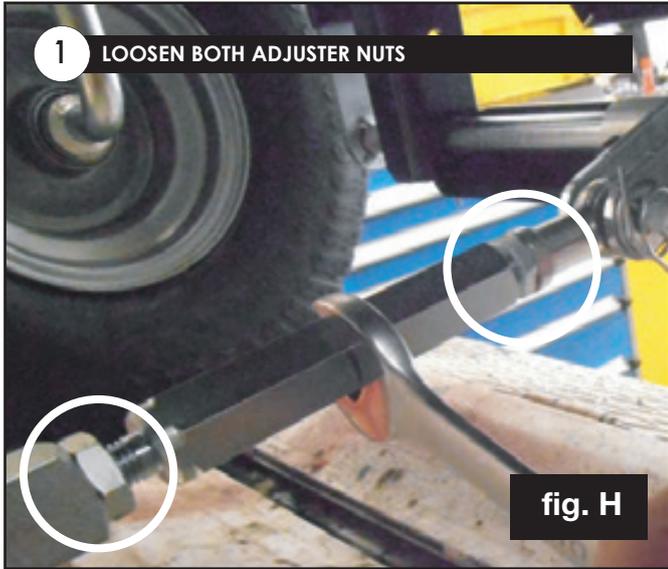
Deck	Rod Type	Set Length (+/-5mm)
36 HGM	ROD 1	205 mm
36 XRD	ROD 2	250 mm
38 XRD	ROD 3	275 mm
42 XRD	ROD 2	245 mm
48 XRD	ROD 4	175 - 180 mm
36 IBS	ROD 3	280 mm
38 IBS	ROD 6	300 mm
42 IBS	ROD 3	280 mm
48 IBS	ROD 1	205 mm
38 COMBI	ROD 3	280 mm
44 COMBI	ROD 5	230 mm



Cutter Deck Installation (Tension Rod)



Cutter Deck Installation (Adjusting Tension Rod)



Cutter Deck Installation (Deck Levelling)

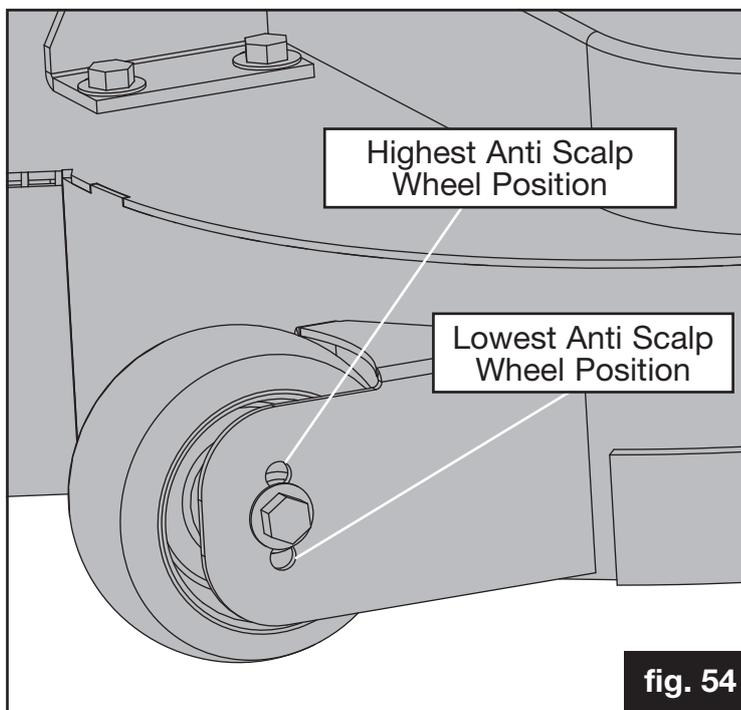
Levelling Front to Back

The following instructions assume the deck is already installed. Please install the deck as directed before attempting to level.

The cutter deck should be set so that it is parallel to the surface it is cutting with a maximum variation from side to side or front to back of 3 mm.

Setting the Scalp Wheels (fig. 54)

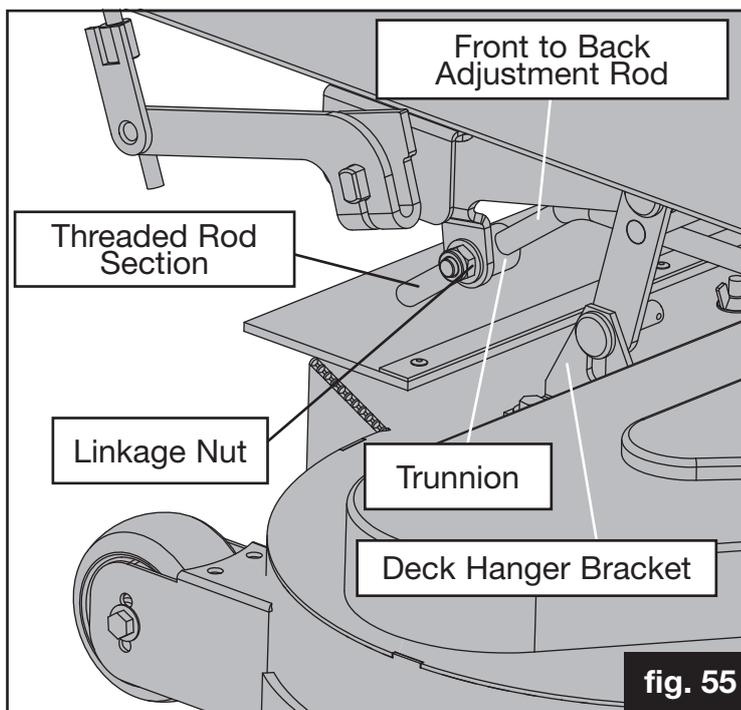
Before levelling the deck set the anti-scalp wheels. For best results, set the anti-scalp wheels in the middle adjustment hole position. If the closest deck cut is too short, set the wheels to the lowest position. Grass scalping can also be minimised by setting the wheels in the lowest adjustment holes.



Levelling the deck (fig. 55)

Check tyre pressure is correct before levelling deck then follow this sequence:

1. You need two people to level the deck – one to lift the deck while the other removes or relocates the adjuster trunnion.
2. Ensure that the Anti-Scalp Wheels are all set to the same height.
3. Lower the Cutter Deck to a position one above the lowest setting – check levels with a ruler or tape.
4. Now locate the Front to Back Adjustment Rod and trunnion under the chassis near the right rear wheel (fig. 55). Both the trunnion and the Rod are threaded. Adjust the trunnion position to alter the deck level.
5. To free the trunnion, use a 17 mm spanner or socket to remove the M10 nyloc linkage nut and washer. Then push the trunnion free.
6. Rotate the trunnion further along the rod to raise the rear of the deck. Rotate it in the opposite direction towards the thread end to lift the front.



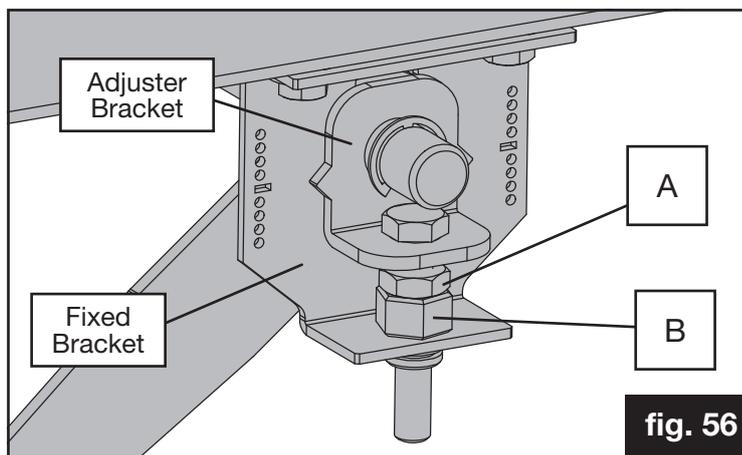
Adjustment is rapid, so try one or two turns first before relocating and securing the trunnion. Check the effect, then repeat adjustment if needed.

Cutter Deck Installation (Deck Levelling)

Levelling Side to Side

Deck side to side levelling should only be attempted as a secondary measure after front to back levelling has been set. Adjust side to side levelling only if absolutely needed.

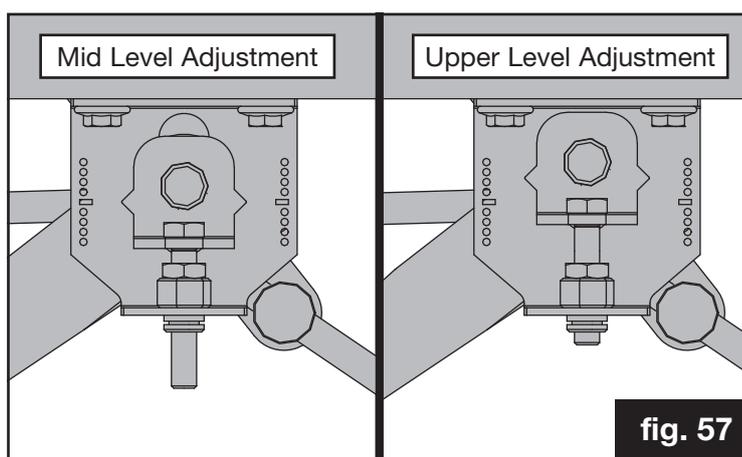
This adjustment is best done with the deck set three positions up from its lowest cut. Check the deck position on both sides before making adjustment. Both sides should be an even height from the cutting surface. Levelling is achieved by adjusting the left side (as you are sat on the tractor) of the deck at two points.



Rear adjustment (fig. 56 & 57)

The rear adjustment bracket is located on the rear left hand side of the tractor. The bracket is situated at the rear of the deck in front of the rear left tractor wheel.

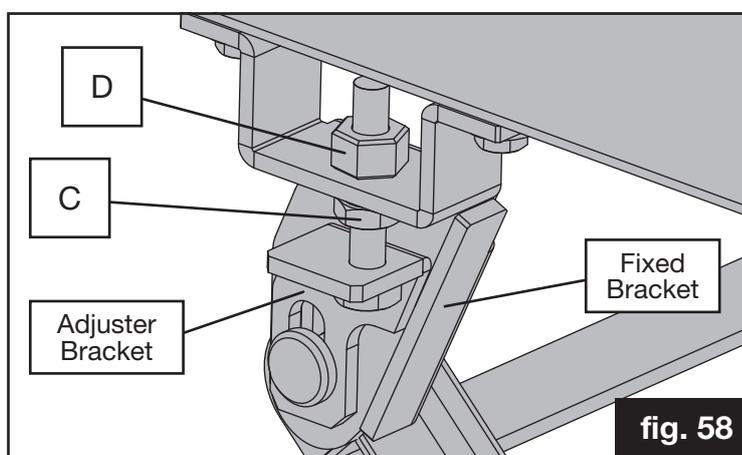
Locate the top lock nut (A) and loosen this off using a 17mm spanner. Now wind the adjuster nut (B) either up or down using a 19mm spanner to alter the height of the deck on the left hand side to match the right hand side. Use the marks on the plate as a guide as to how much to raise or lower the deck. When the deck is level at the rear tighten the lock nut (A) securely against adjuster nut (B).



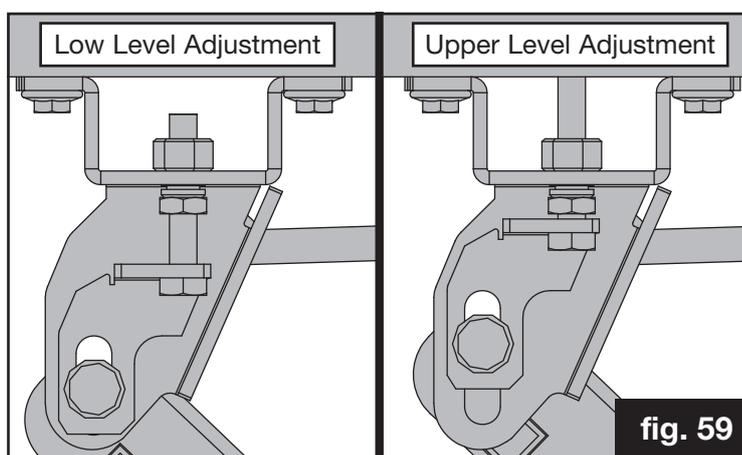
Front adjustment (fig. 58 & 59)

The front adjustment bracket can be located on the front left hand side of the tractor. The bracket is situated at the front of the deck in behind the front left tractor wheel.

Locate the top lock nut (C) and loosen this off using a 17mm spanner. Now wind the adjuster nut (D) either up or down using a 19mm spanner to alter the height of the deck on the left hand side to match the right hand side. When the deck is level at the front tighten the lock nut (C) securely against the adjuster nut (D).

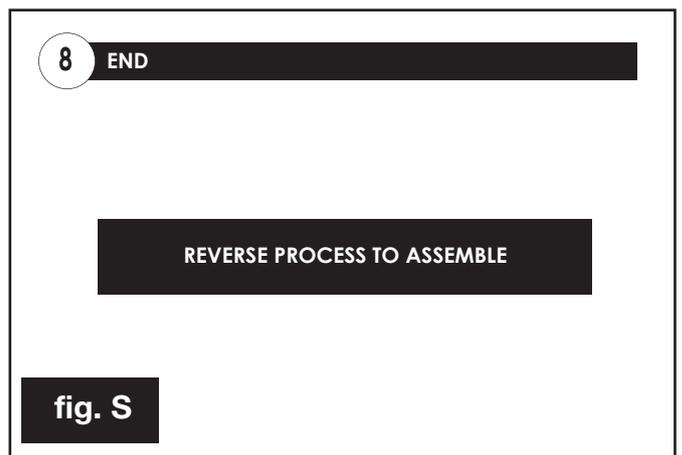
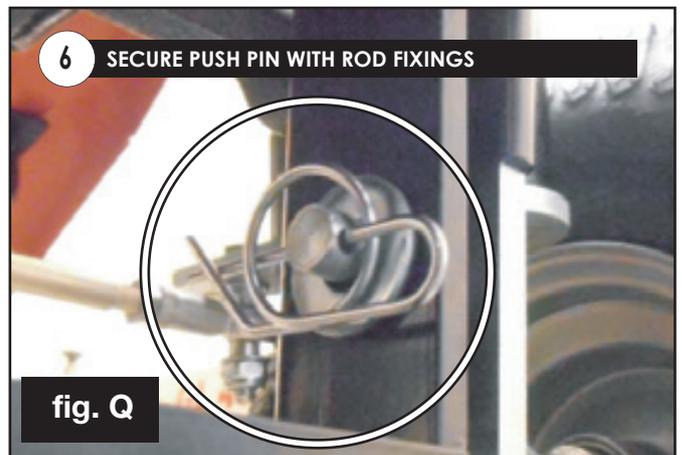
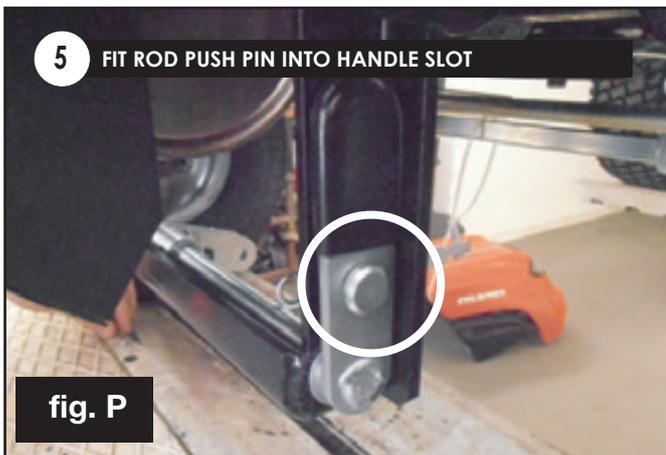
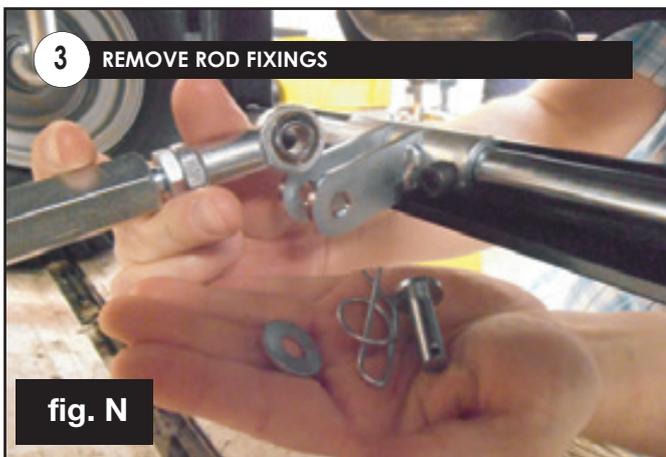
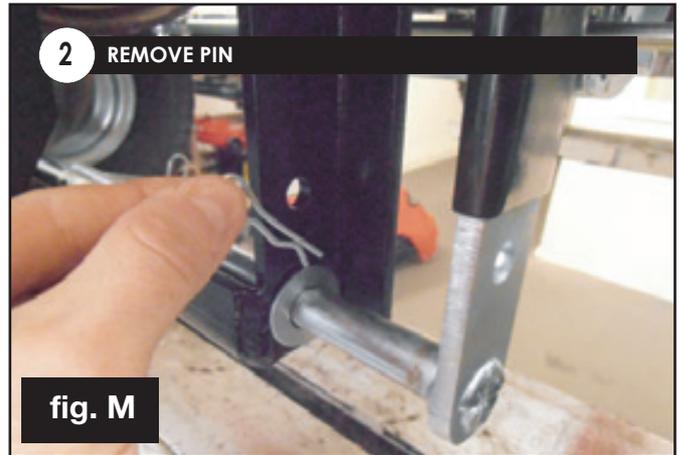


Raise and then lower the cutter deck using the lift handle. Recheck the level of the deck. If it is still incorrect re adjust as required.



Cutter Deck Installation (Travel without Deck)

The tension cradle at the front of the tractor must be secured and tension rod removed when the unit is used without a deck. The process outlined here instructs how to secure the cradle.

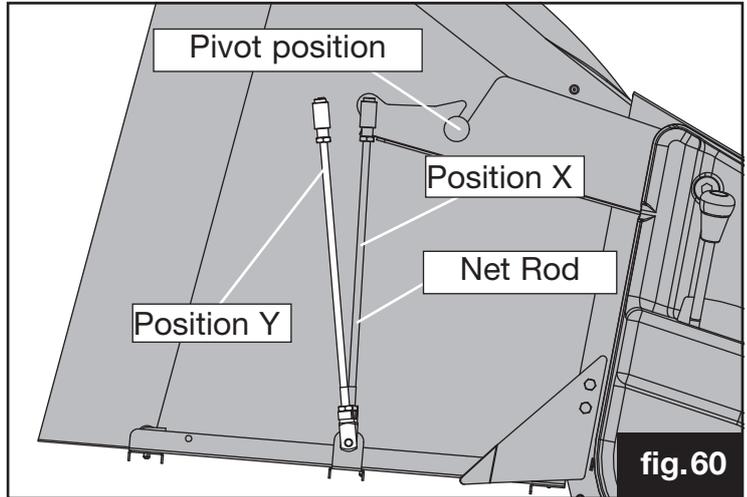


Powered Grass Collector

Fitting the Net (fig. 60)

Two persons maybe required to lift the net into position. Fit as shown in fig. 60. Attach both sides of the net to the pivot position. Attach both net rods in position 'X' over the ball pin.

To remove the net, release the net rod and secure in the removal position 'Y'. Then lift the net from the pivot position.

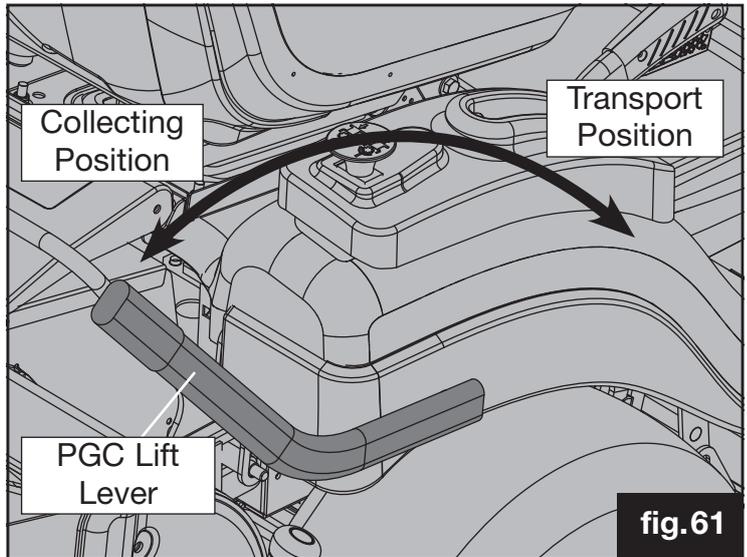


PGC Lift Lever (fig. 61)

Using the lever (fig. 61) raise or lower the Powered Grass Collector to either the transport position or the collecting position.

Tipping the Net (fig. 62)

When the collector is full, raise the collector to the transport position. Drive to your tipping area and reverse to the grass pile. Then extend the tipping lever and pull it towards the seating position. This pivots the collector and so empties the collector. Once the grass is off-loaded return the collector to the upright position and put the tipping lever in its original position.

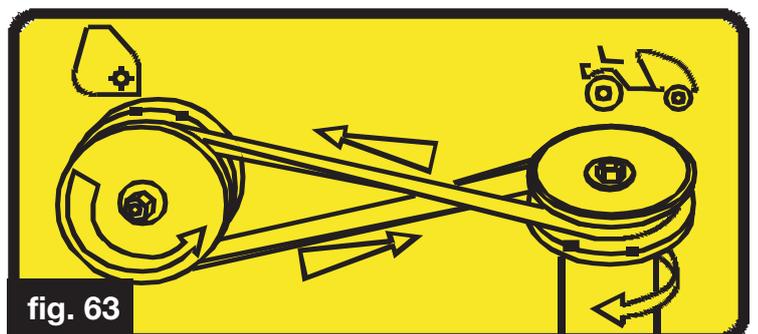
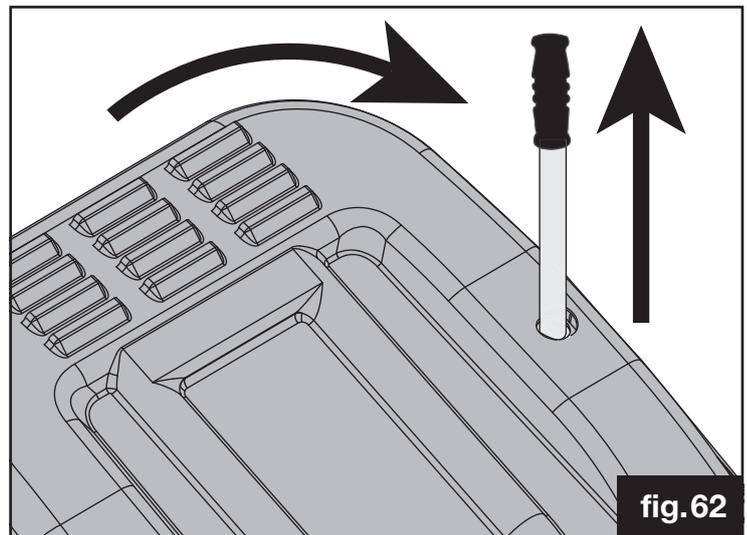


Installing the Drive Belt (fig. 63)

First turn off the engine. Place the drive belt over the PTO pulley of the Powered Grass Collector, and then feed it underneath the PTO flap. Then feed around the PTO pulley. Be sure that this is installed the right way round otherwise the brush will work in reverse and collection will be poor. Lock the Locating Lever over the Lift Arm Lugs (this also tightens the PTO Drive Belt). Rotate the Locking Clips over the Locating Lugs to securely lock the Powered Collector in place. To disconnect, reverse this procedure.

ALWAYS CHECK BELT TENSION IS 19mm DEFLECTION AT 2KGs PRESSURE.

Refer to page 40 for details.



Powered Grass Collector Installation

PGC Connection

Before attempting to install PGC Net park the tractor on flat and level ground. Engage parking brake, disengage engine and remove ignition key.

To connect the Powered Grass Collector (PGC) to the tractor, ensure that both are on an even surface with the locking levers on the PGC collector facing the lift arms on the tractor (fig. 64 & 66).

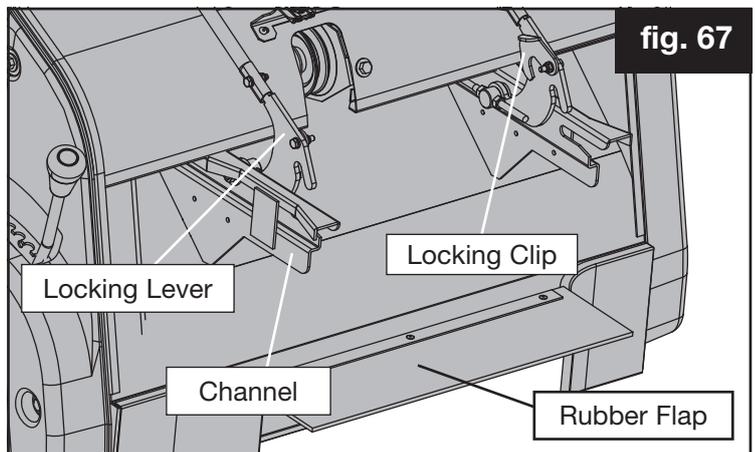
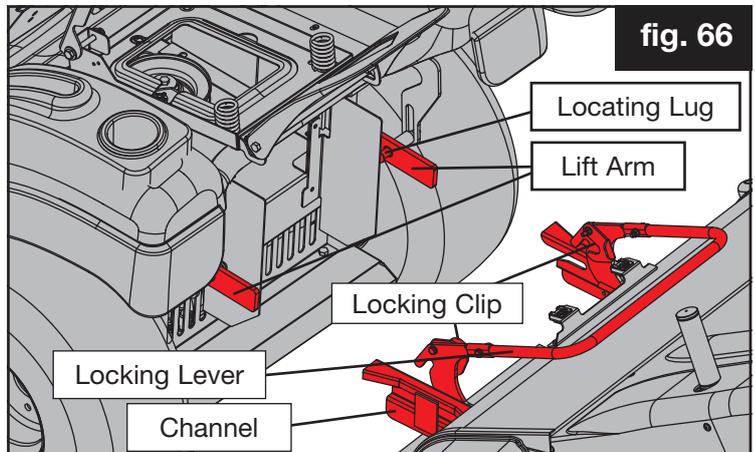
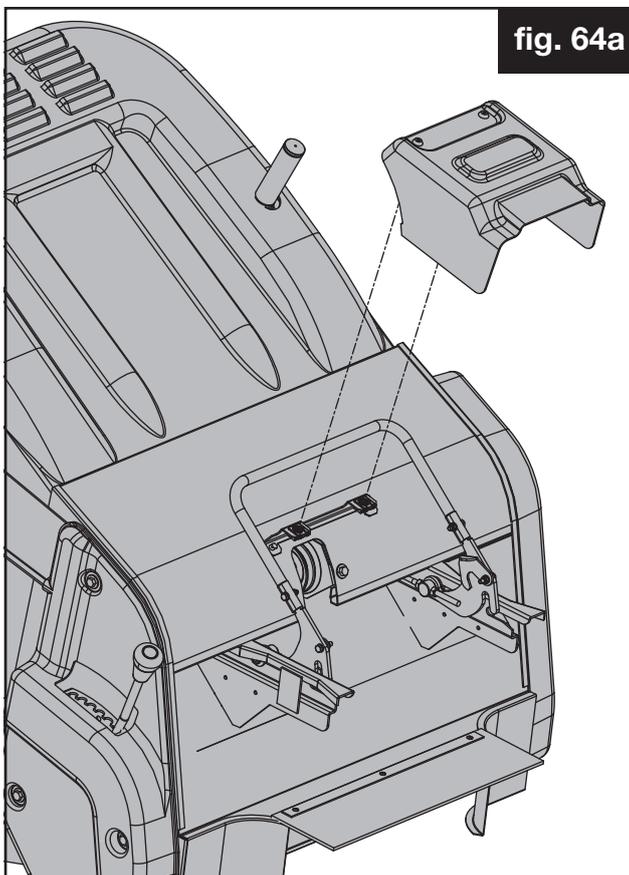
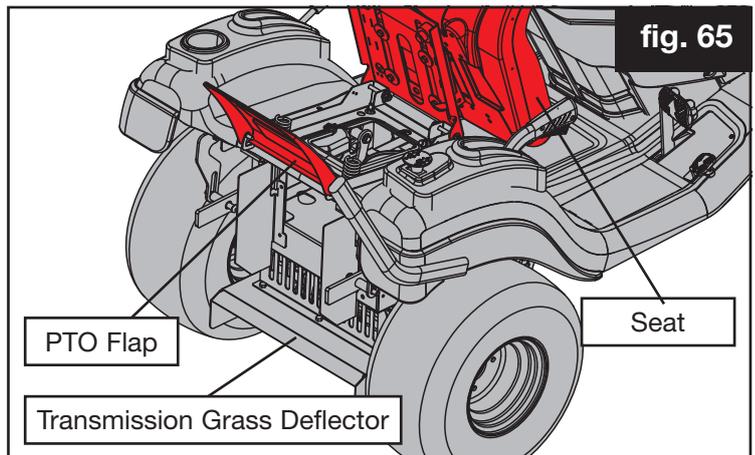
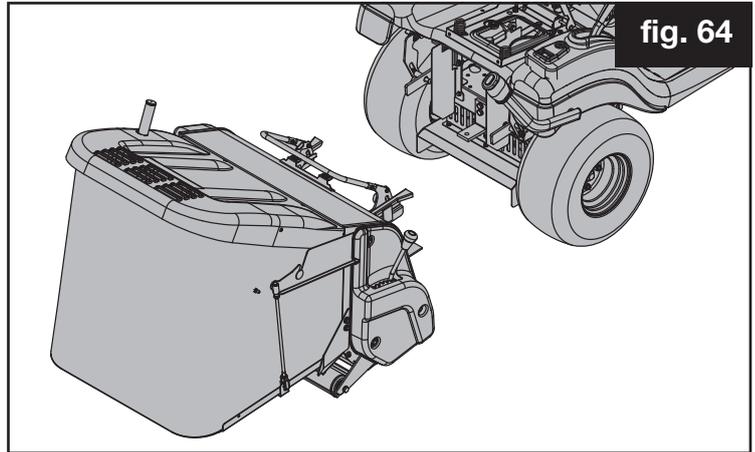
1 - Remove the PGC belt guard by turning the fixings and lifting the guard piece (fig.64a).

2 - Lift the seat and the PTO flap so that both are resting in the upright position (fig. 65).

3 - Move the PGC manually to the tractor; set the tractor lift arms to the lowest position. This makes installation easier (fig. 66).

4 - Near the end of each lift arm you will find a locating lug (fig. 66). Slide the channels (fig. 66 & 67) on either side of the Powered Collector over the lifting arms and lugs but do not engage the locking lever yet.

5 - Ensure that the rubber flap (fig. 67) at the opening of the PGC locates above the connecting tractor transmission grass deflector (fig.65).



Powered Grass Collector Installation

6 - Place the drive belt over the PTO pulley of the Powered Grass Collector, and then feed it underneath the PTO flap (fig. 68 & 69). Next feed around the PTO pulley. Be sure that the belt is installed correctly otherwise the brush will work in reverse and collection will be poor.

ALWAYS CHECK BELT TENSION IS 19mm DEFLECTION AT 2KGs PRESSURE.

7 - Replace the PGC lid guard and fixings removed in figure 64a then fold over the PTO Flap (fig. 70).

8 - Close the Locking Lever over the Lift Arm Locating Lugs as shown in fig. 71 (this also tightens the PTO Drive Belt). Rotate the Locking Clips over the Locating Lugs to securely lock the Powered Collector in place. To disconnect, reverse this procedure.

9 - Connect the PGC net empty plug to the tractor socket as shown in fig. 72. To disconnect, reverse this procedure.

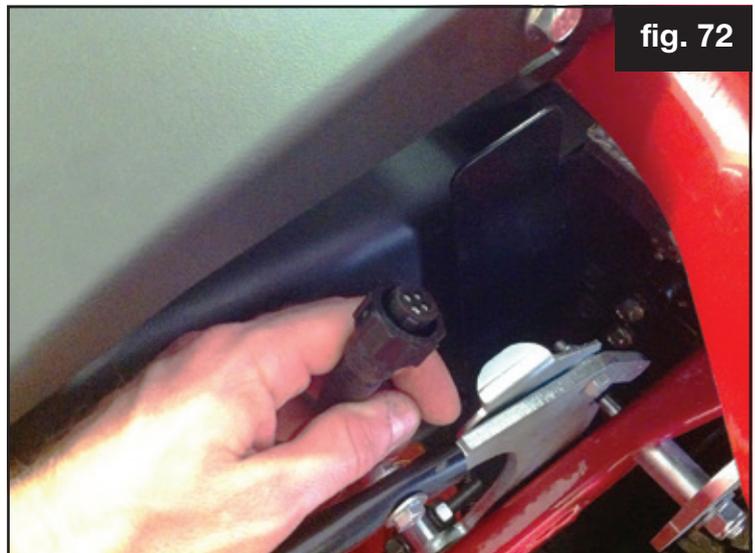
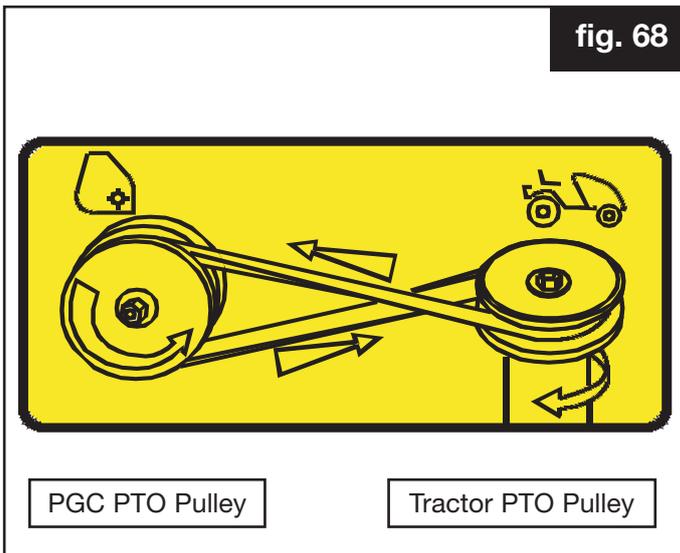
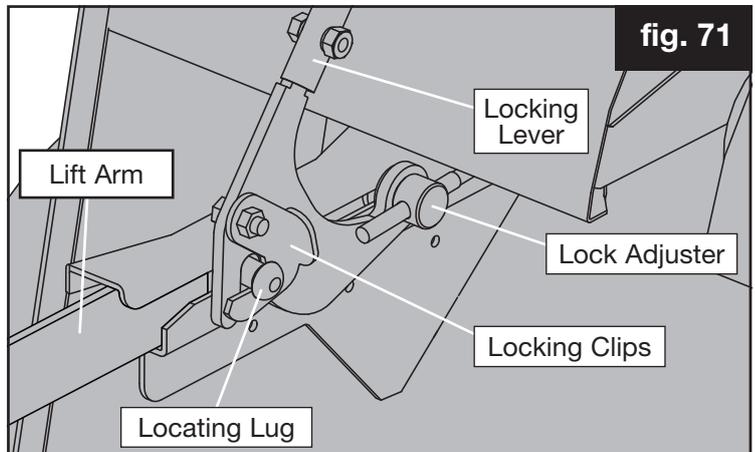
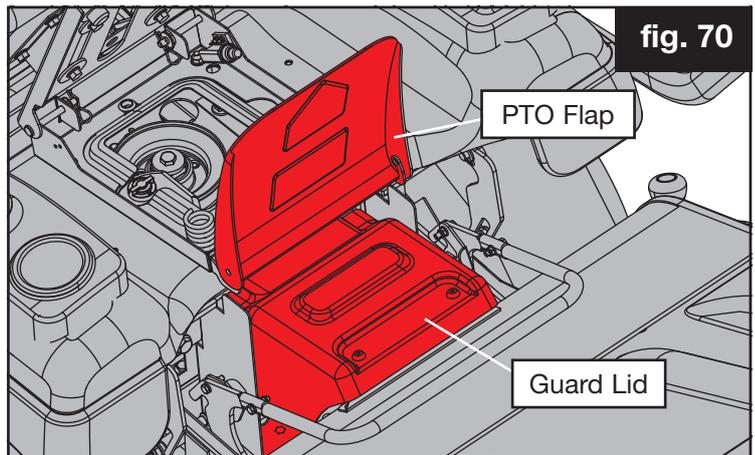
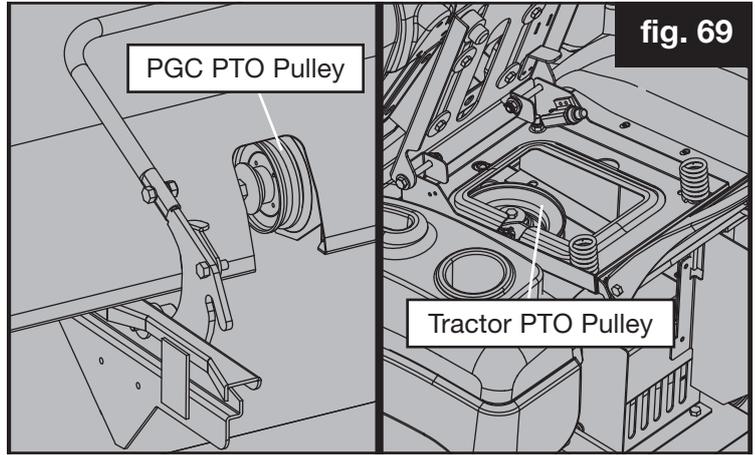
The plug **MUST BE FITTED** before attempting to use your Powered Grass Collector.

Lock Adjustment (fig. 71)

PGC belt tension should be 19mm deflection at 2 KGs. It is possible to adjust the lock position if tension is too slack or tight. The lock adjuster (fig. 71) is attached to a threaded rod. Adjust thread position to change belt tension. Perform adjustment on both lock adjusters (one adjuster per channel).

ALWAYS CHECK BELT TENSION IS 19mm DEFLECTION AT 2KGs PRESSURE.

Please refer to page 40 for belt tension details.



Routine Maintenance

Engine Maintenance

Please refer to the engine manufacturer's handbook enclosed with this manual.

Battery Maintenance (Fig. 73)

The battery fitted to your tractor is a low maintenance unit. Should your battery require charging for any reason the maximum charge rate is 1.5 amps. If your tractor does not start refer to the troubleshooting section in this manual (pages 41 - 46).

To Clean the Cutter Deck

Remove the deck as instructed in earlier section, stand it on its side and wash off accumulated cuttings. DO NOT SPRAY WATER DIRECTLY ONTO BEARING HOUSINGS. To prevent a drop in performance it may be necessary to routinely check for this grass build up, particularly at the beginning of the season when the grass is lush and wet. It is best to regularly check and clean the Cutter Deck as often as possible, this can be done by either removing the Deck or raising the tractor safely on a ramp.

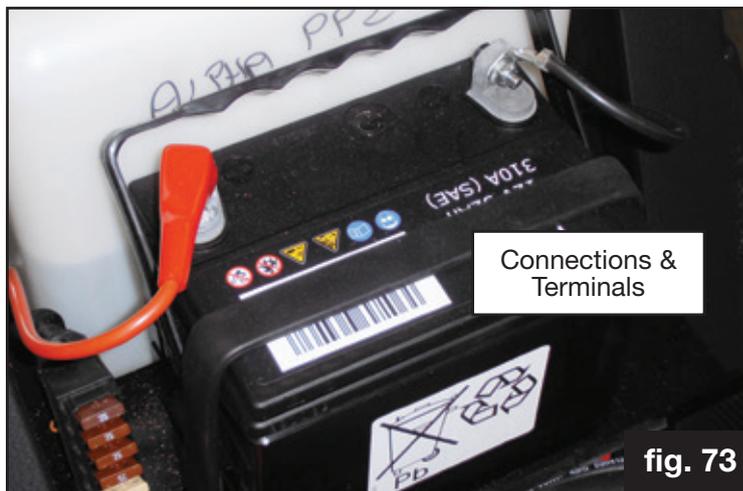
PLEASE NOTE: It is not recommended to use the tractor without a deck as this can make it unstable.

Transmission Drive Belt

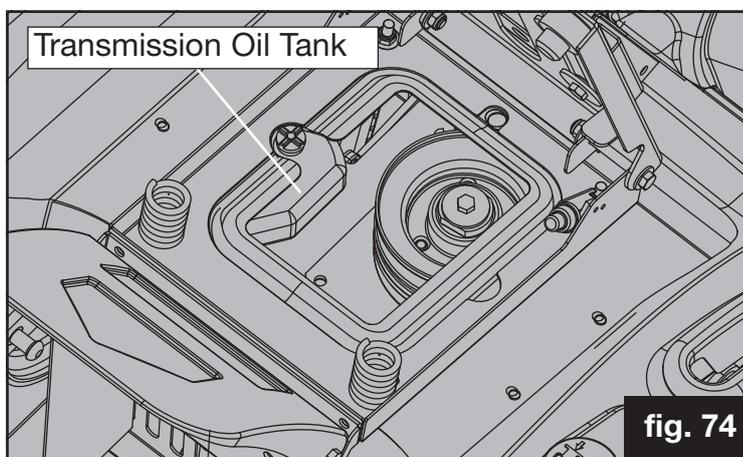
The transmission drive belt is self-tensioning. The belt will retain its tension correctly when in use and should only require maintenance during servicing. Any adjustments to this belt must be carried out by your dealer, anyone not familiar with setting the drive belt may cause serious damage to the transmission.

Transmission Oil Tank (Fig. 74)

This is located in the Tractor rear body and should be approximately half full when the machine is cold. This level will rise when the engine is warm as the oil expands. It should return to the half way point once the machine has cooled down. The oil should not need to be topped up in normal use. If a noticeable drop in the level occurs then your dealer should be contacted.



The battery in your tractor is very similar to that found in your car. To remove, simply undo the NEGATIVE terminal connection, followed by the positive.



PTO Accessory Drive Belt

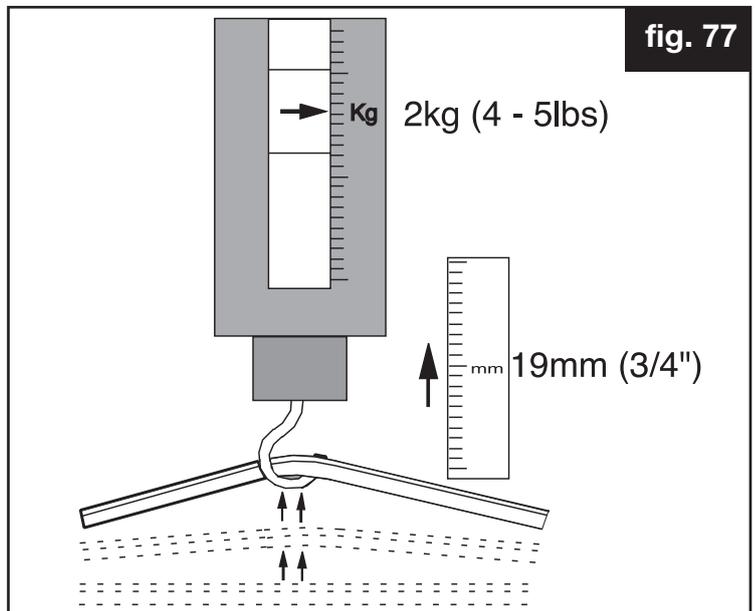
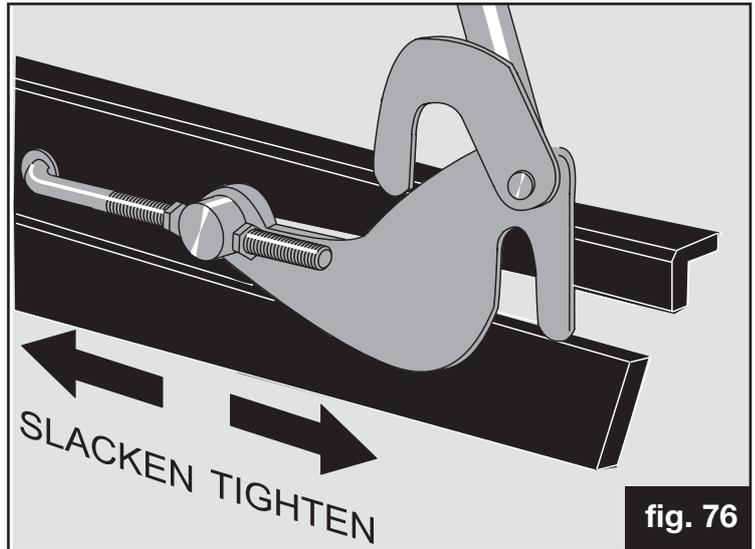
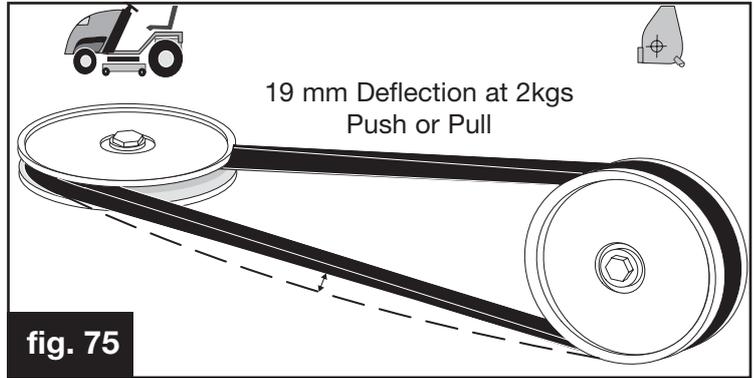
The PTO drive belt is self-tensioning when the drive is engaged. If this belt does require any adjustment it should be carried out by your dealer; anyone not familiar with this setting may cause serious damage or even injury when using a machine with badly adjusted belts.

Accessory Drive Belt installation

(fig. 75, 76 & 77)

1. Lift the PTO Guard.
2. Place the drive belt over the PTO pulley of the Powered Grass Collector.
3. Feed the belt around the PTO pulley clockwise.
4. Lock the Locating Lever over the Lift Arm Lugs.
5. Check Belt Tension is 19 mm deflection at 2 kgs pressure (fig. 77).
6. Rotate the locking clips over the Locating Lugs.

If the belt tension is incorrect, movement of the sweeper Locking Levers on the threaded rod can adjust it. Ensure the lock nuts are suitably tightened after adjustment. Belt tension should be set in the working position.

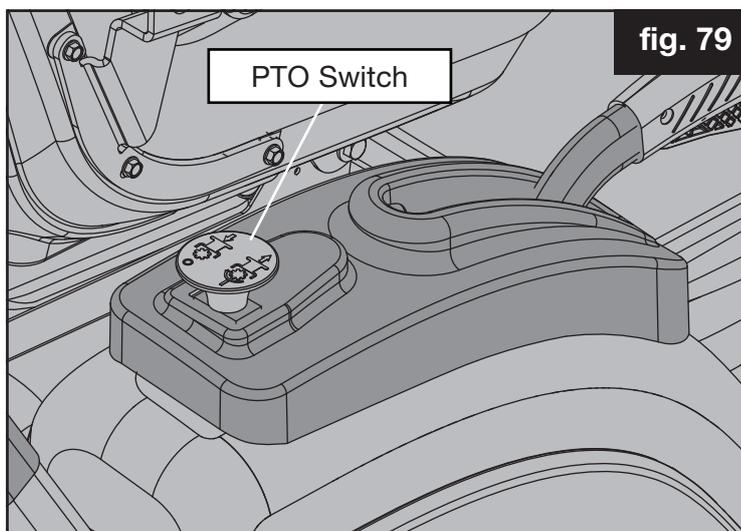
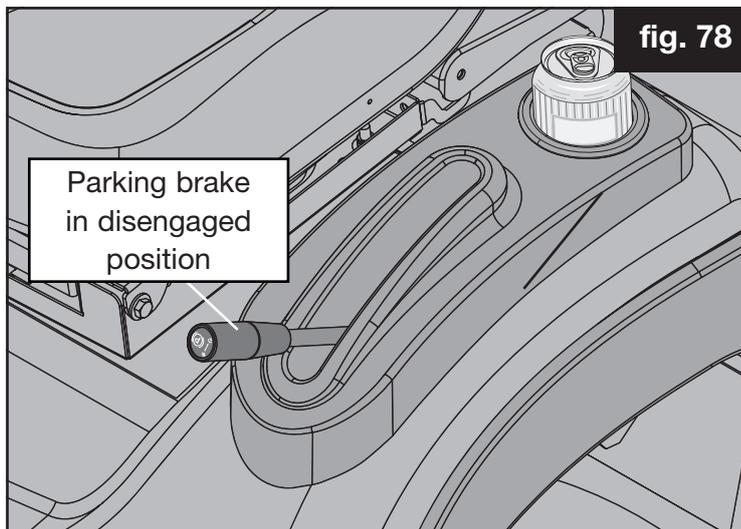


Troubleshooting (Moving)

Engine fails to start

CHECK:

1. Are you on the tractor? – Unless you sit on the seat, the safety switch prevents ignition.
2. That the safety switch on the seat is not faulty – if so, call your dealer.
3. Is the parking brake (fig. 78) engaged? The ignition will not start if the parking brake is disengaged.
4. Is the PTO switch (fig. 79) engaged. The engine will struggle to achieve ignition with this option engaged. Set this option to the disengaged position before attempting startup.
5. Are you starting from a cold start position?
 - Set throttle between 25-50% capacity before starting ignition. If unsuccessful set throttle between 75-100% capacity and repeat.
 - If the above fails apply the choke during ignition. Cancel as soon as possible to avoid flooding engine compartment (only for models fitted with and independent choke).
6. Check fuel level.
7. Check all fuses are intact. Replace any blown fuses.
8. Check front exhaust outlet is clear. DO NOT touch exhaust if tractor has previously been in use. This area is extremely hot during normal operation.



THE IGNITION MUST ALWAYS BE TURNED OFF AND LEFT FOR AT LEAST TWO SECONDS BEFORE THE TRACTOR CAN BE RE-STARTED

Engine fails to restart during field use

CHECK:

1. Check all above listed points.
2. Remove ignition key, engage parking brake and wait for any moving parts to stop. Raise the deck and perform visual inspection. DO NOT touch the cutting blades. Check for any obstructions preventing deck rotation. If obstruction is found manually push tractor away from problem area and remove the deck if necessary for safe removal of obstruction.
3. If needed further check for under chassis obstructions.

Troubleshooting (Starting & Running)

If the engine fails to turn over:

CHECK:

1. That the handbrake is on and that you are sitting on the seat.
2. That the battery terminals are connected (fig. 81).
3. That fuse 6 (yellow 20 amp ignition fuse) has not blown or been dislodged.
4. That the battery is charged.

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.

For fuse box location see fig. 81 & 82.

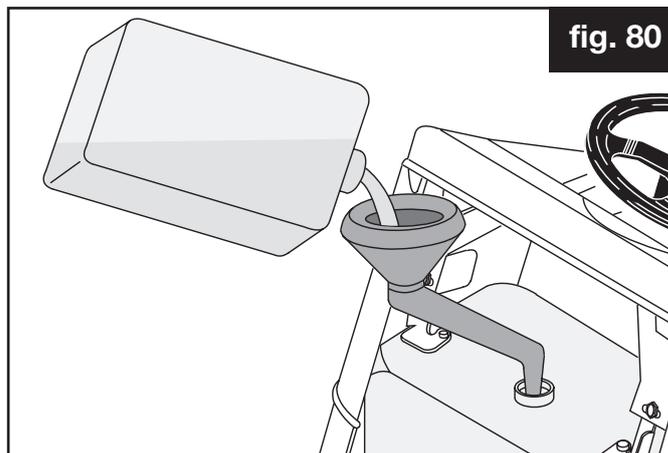


fig. 80

If the engine turns over and does not start:

CHECK:

1. That the fuel tank is full.
2. That the outlet in the fuel tank is not blocked.
3. That the fuel filter is not blocked (see engine manual).
4. That fuse 2 (brown, 7.5 amp) has not blown or been dislodged.

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.



fig. 81

If the engine misfires, loses power or stalls in use:

CHECK:

1. That you have not run out of fuel. To re-fuel, see fig. 80.
2. That the air filter is not blocked (See engine manual).
3. That the engine cooling air intakes are not blocked.
4. If the ignition lights have gone off – check yellow 20 amp fuse and fuse 4 on the fuse holder.
5. That fuse 4 (brown, 7.5amp) has not blown or been dislodged.

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.



fig. 82

If the cutter deck fails to operate:

CHECK:

1. That fuse 1 on the fuse holder (brown 7.5amp clutch fuse has not blown).
2. Whether you have got off the seat – the safety switch will disengage the cutter.
3. If the battery has lost charge it will no longer hold the clutch in operation.

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.

Maintenance note: For fuse configuration see fig. 83.

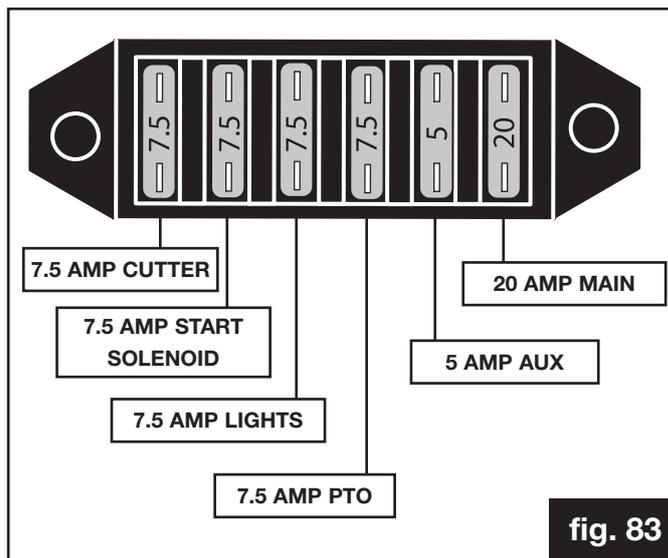


fig. 83

Troubleshooting (Electrical)

If the headlights fail to operate

CHECK:

1. The LED connections.
2. Fuse 3 has not blown. (brown 7.5 amp fuse)

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.

If the PGC or other accessory fails to operate

CHECK:

1. Fuse 4 has not blown, (cream 5 amp fuse).
2. The PGC safety plug is connected to the tractor (fig. 84).
3. If the battery has lost charge it will no longer hold the clutch in operation.

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.

If the tractor display fails to light up when turned on, or the tractor doesn't start:

CHECK:

1. Check fuse 6 has not blown, (yellow 20amp fuse).

IF THIS IS NOT THE CASE CONTACT YOUR TRACTOR DEALER.



Troubleshooting (Cutting)

Cutter fails to start or cuts out when switched on

CHECK:

1. Are you on the tractor? – Unless you sit on the seat, the safety switch cuts out the Cutter Deck.
2. The correct function is selected on the dashboard.
3. That either the cutter switch or the safety switch on the seat is not faulty – if so, call your dealer.
4. Is the battery low? – The clutch engage switch will only operate if the battery is well charged.
5. The engine is running.

Uneven cutting

CHECK:

1. That all tyres are inflated to their correct pressures – see Specification pages
2. That the front axle is pivoting freely.
3. The deck brackets are moving freely and not locking up.
4. That the deck is level from side to side and back to front (See cutter deck levelling).
5. That one or more of the cutter blades are not worn or damaged – if this is the case, it is necessary to call your tractor dealer.

Uneven cut (cuts shorter one side than the other)

CHECK:

1. That the tyres are all inflated to the correct pressures (see above).
2. That the front axle is pivoting freely.
3. That the deck brackets are moving freely and not hitching up.
4. That the side deck level adjustment is correct.

Cut is uneven or untidy in one or more sectors

CHECK:

1. That the cutter deck is levelled correctly front to back.
2. That one or more of the blades are not worn or damaged – if so, call your dealer.

The cutter seems to lose power and the belt slips and overheats

CHECK:

1. That the cutter belt tension is correct.
2. That the cutter deck is not clogged with wet cuttings.
3. That the cutter drive belt is not worn.

We do not recommend that customers attempt to change cutting blades themselves: remember that it is never worthwhile to have blades re-ground. It is cheaper and better to replace blades – re-grinding is likely to affect the hardening of the blade and its balance.

The cutter deck should be set so that it is parallel to the surface it is cutting with a maximum variation from side to side, or front to back of 3 mm. Check this by placing the tractor on a hard level surface and measuring the clearance heights front to back and side to side with a steel ruler or tape, with the cutter set one adjustment up from its lowest position.

If the cutter deck seems to require levelling, first check these other possible causes:

1. Are the tyres correctly inflated? – If not, rectify using the figures in the specification section.
2. Are the cutter deck hanger brackets moving freely or are they hitching up. To check this, lift the cutter deck to its highest position and lift and rock it, watching to ensure that the brackets move freely – if not, clean and lubricate.
3. Is the front axle pivoting freely? – If not, it may require lubrication or adjustment.
4. Is there any impact damage that has bent or distorted the deck or suspension brackets (a matter for your dealer)?

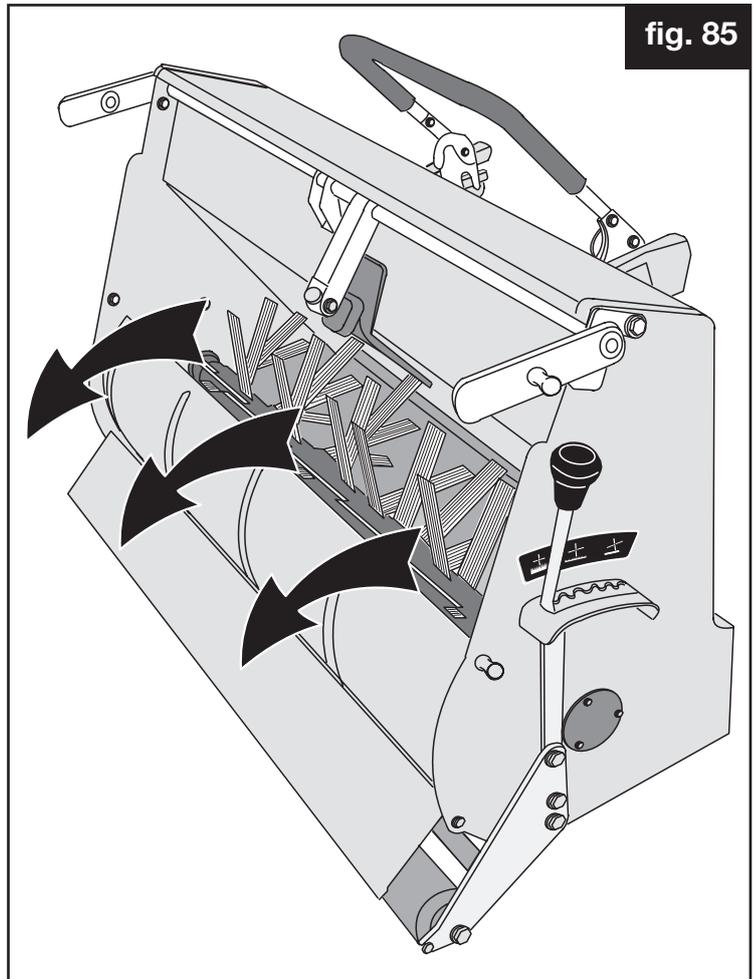
Troubleshooting (Grass Collecting)

Grass Collection (fig. 85)

If your Collector is not picking up satisfactorily, check the following:

1. The PTO lever is engaged.
2. That the PTO pulley beneath the seat is turning – if not, call your dealer.
3. That the Collector Belt is not reversed (if it is correct, the brush revolves against the forward direction of the tractor (fig. 85).
4. That the Brush Height Adjustment Lever is not set too high or too low.
5. That there is not a build up of congealed grass on the leading edge of the Brush Guard.
6. That the Brush is not clogged.
7. That the Collector Belt is not slipping, if it is then adjust the tension or replace the worn or damaged belt (see earlier PGC section).
8. That the Collector net is not clogged. If so, wash or brush with a stiff hand brush.
9. That the Brush is not damaged.

If you are still experiencing difficulties with collection please contact your dealer.



Troubleshooting (Tyres & Wheels)

Persistent flat tyres

Like all garden machinery, the most common cause of punctures are THORNS! Blackthorn, Hawthorn and Rose are usually at the bottom of the problem and will puncture any tyre not fitted with very expensive guards. There are less expensive ways to overcome this problem and it is advisable to check and avoid these possible causes:

The rim of the wheel has been damaged causing the seal on the tube-less tyre to be broken. There are two solutions:

1. If the damage is significant it is necessary to order a new wheel from your dealer.
2. If you have Hawthorn, Blackthorn or Wild Rose in your garden – this will puncture any tyre. It makes sense to check any area you intend to cut or drive over and to remove any branches.

If the tyres spin or lose grip, check:

1. That all tyres are inflated to their correct pressures (See specification page).
2. Are you going too fast for the conditions?

Removal of front wheel (2WD ONLY) (fig. 86 & 87)

1. Apply Parking Brake.
2. Place chocks under the wheels that are to remain on the ground.
3. Remove the plastic hubcap.
4. Use a 19 mm socket/spanner to loosen the wheel nut whilst on the ground – DO NOT REMOVE THE WHEEL AT THIS STAGE.
5. Place a jack under the front axle at the jacking point circled in fig. 86. Jack the tractor up until both front wheels are well clear of the ground.
6. Remove the wheel nut and washer and keep safe.
7. Taking care not to dislodge the tractor from the jack, pull the wheel off.

When the tyre is repaired, replace the wheel preferably using a new M12 Nyloc nut. Tighten to a torque setting of 5.25kg.m (38lb/ft). Check to ensure wheel turns freely.

Removal of rear wheel (fig. 88 & 89)

1. Apply Parking Brake.
2. Place chocks under the wheels that are to remain on the ground.
3. Loosen the four wheel nuts (fig. 89) – DO NOT REMOVE THE WHEEL AT THIS STAGE.
4. REAR WHEEL ONLY - Place a jack under the jacking point shown in fig. 88 (on the side appropriate to the wheel that is to be removed). Jack the tractor up until the wheel to be removed is clear of the ground.
5. FRONT WHEEL 2WD - Place jack at side of chassis under the chassis rail behind front wheel on side appropriate to removal wheel.
6. Remove the wheel nuts using a 19 mm spanner / socket. Once removed, keep safe and remove the wheel.



fig. 86



fig. 87



fig. 88

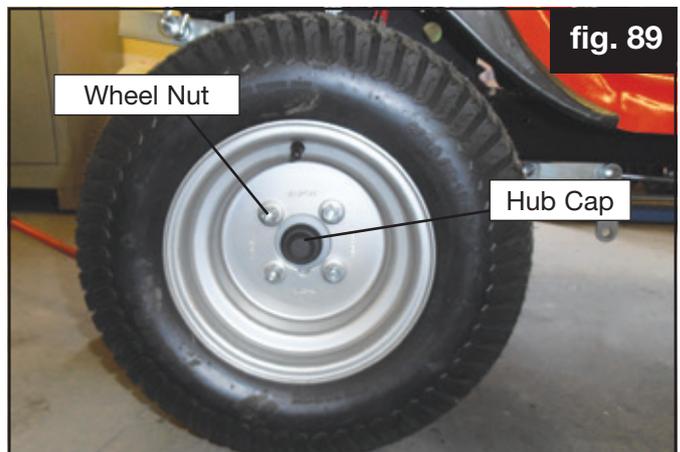


fig. 89

7. When replacing the wheel re-tighten the nuts to 5.25kg.m (38lb/ft).

Service Parts

Parts List		
See your authorized Westwood dealer for replacement parts		
Part No.	Description	Notes
199503500	15 Inch Front Tyre	2WD tractors only
199503900	16 Inch Front Tyre	4WD tractors only
199503600	20 Inch Rear Tyre	Rear wheel
405111000	15 Inch Front Tyre Assembly	2WD wheel and hub assembly
405111200	16 Inch Front Tyre Assembly	4WD wheel and hub assembly
405111100	20 Inch Front Tyre Assembly	Rear wheel and hub assembly
14936301	Sweeper Bristle Webbed	PGC collector bristles
14898101	Sweeper Bristle Unwebbed	PGC collector bristles
022951800	A85 Belt	Chassis transmission belt
022951900	A89 Belt	Chassis to rear PTO belt
22832800	A36 Belt	PGC internal belt
22800020	A51 Belt	PGC to PTO belt
22940100	B56 Belt	Engine to 36 XRD drive belt
22871200	B57 Belt	Engine to 38 XRD drive belt
22949900	B59 Belt	Engine to 42 XRD drive belt
22950500	B61 Belt	Engine to 48 XRD drive belt
229503900	B53 Belt	Engine to 36 HGM drive belt
22869800	AA105 Belt	36 XRD & 36 HGM internal belt
22869900	AA112 Belt	38 XRD internal belt
22870000	AA120 Belt	42 XRD internal belt
22928800	BB136 Belt	48 XRD internal belt
16869001	12 Inch Center Blade	36 & 38 XRD Decks
16869102	15 Inch Center Blade	42 XRD Decks
16869201	15 Inch Right Side Blade	36, 38 & 42 XRD Decks
16869102	15 Inch Left Side Blade	36, 38 & 42 XRD Decks
16928903	17.5 Inch Center Blade	48 XRD Decks
16929003	17.5 Inch Right Side Blade	48 XRD Decks
16928903	17.5 Inch Left Side Blade	48 XRD Decks
16000600	Center Blade	36 HGM Decks (fan section)
16000300	Center Blade	36 HGM Decks (V blade section)
16000400	Right Side Blade	36 HGM Decks (fan section)
16000100	Right Side Blade	36 HGM Decks (V blade section)
16000500	Left Side Blade	36 HGM Decks (fan section)
16000300	Left Side Blade	36 HGM Decks (V blade section)

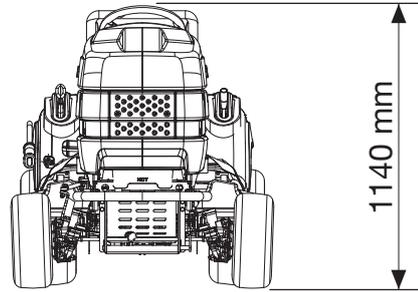
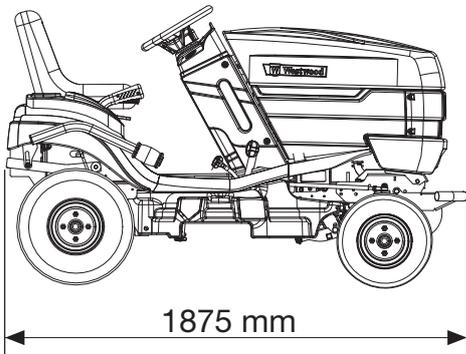
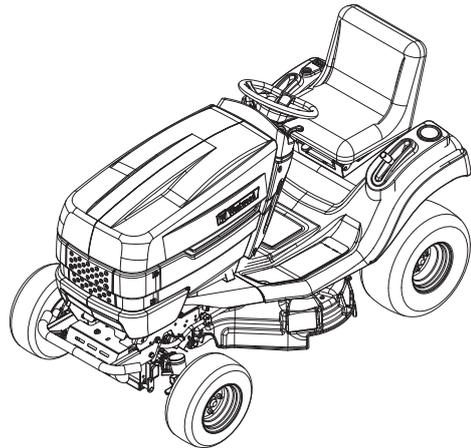
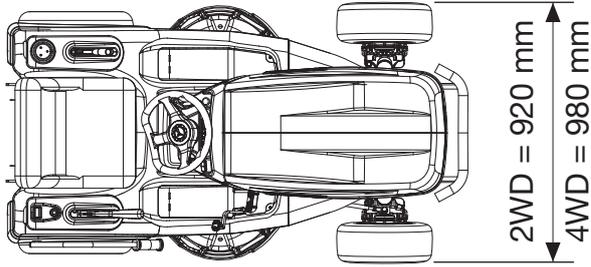
Accessories

Parts List		
See your authorized Westwood dealer to add optional accessories to your unit.		
Part No.	Description	Part notes
20100028	36 XRD Deck	Tractor specific deck
50100034	36 XRD Mulch Plug	Deck specific part
20100029	38 XRD Deck	Tractor specific deck
50100035	38 XRD Mulch Plug	Deck specific part
20100030	42 XRD Deck	Tractor specific deck
50100036	42 XRD Mulch Plug	Deck specific part
20100031	48 XRD Deck	Tractor specific deck
50100037	48 XRD Mulch Plug	Deck specific part
20100032	36 HGM Deck	Tractor specific deck
50100016	Tow Ball Hitch	Accessory towing bracket
50100011	Scarifier	Not compatible with C30 tractors
50100001	Snowblade	Not compatible with C30 tractors
50100010	Spreader	Not compatible with C30 tractors
30100005	PGC (RED)	Not compatible with C30 tractors
30100006	PGC (ORANGE)	Not compatible with C30 tractors
40100003	Net (RED)	Not compatible with C30 tractors
40100006	Net (ORANGE)	Not compatible with C30 tractors
TBC	Mini PGC (RED)	C30 tractors only
TBC	Mini PGC (ORANGE)	C30 tractors only
TBC	Mini Net (RED)	C30 tractors only
TBC	Mini Net (ORANGE)	C30 tractors only

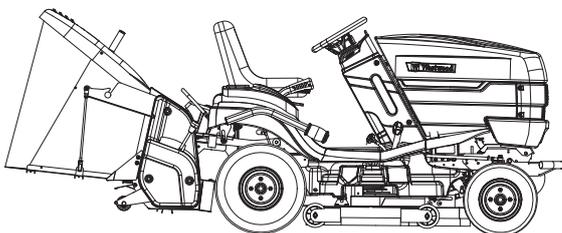
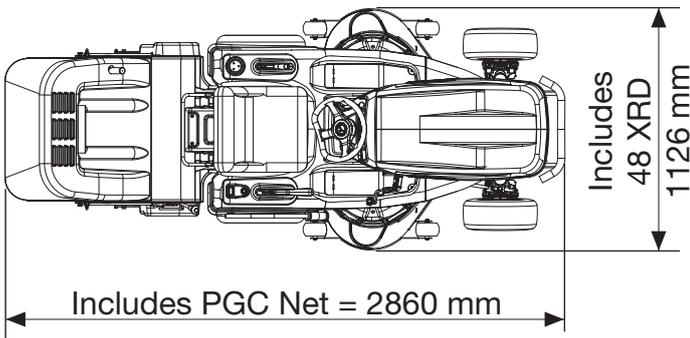
Specifications – F & T Series

Model	T30 (TBC)	T50	T60	T80	F60 4TRAC	F250 4TRAC
Engine	TBC	Briggs & Stratton 4145 Series	Kawasaki FS481V	Kawasaki FR541V	Kawasaki FS481V	Kawasaki FR730V
Displacement	TBC	500cc	603cc	603cc	603cc	726cc
Governed RPM	TBC	2700rpm	2900rpm	2900rpm	2900rpm	2900rpm
Liquid or Air Cooled	Air					
Speed						
Forward Maximum – mph (kph)	TBC	6 (9.66)	6 (9.66)	6 (9.66)	6 (9.66)	6 (9.66)
Turning Radius	TBC	1.15 m	1.15 m	1.15 m	1.1 m	1.1 m
Electrical						
Starter	TBC	Electric				
Battery	TBC	12 Volts				
Power Take-Off	TBC	Electric PTO / Clutch				
Fuel						
Fuel Type	Petrol					
Fuel Specification	Refer to engine manual					
Tank Capacity	7 Litres					
Engine Oil	Refer to engine manual					
Transmission						
Rear Type	Hydrostatic Drive					
Rear Transmission	TBC	K46			K574	K574
Transmission Oil	TBC	SAE 10W-30 Class CD			SAE 10W-30 class CD	
Front Type	Non Hydrostatic				Hydrostatic Drive	
Front Transmission	-	-	-	-	KXH7N	
Transmission Oil	-	-	-	-	SAE 10W-30 class CD or 5W-50	
Size and Weight						
Length (inc PGC & Net)	TBC	2860mm				
Length (Tractor Only)	TBC	1875mm				
Width (Tractor Only)	TBC	920mm			980mm	
Width (Inc Deck)	TBC	1034mm	1126mm	1270mm	1126mm	1126mm
Height	TBC	1140mm				
Tyres						
Front	0.7-1.0 KGF/cm (10-14 psi)	0.8-1.1 KGF/cm (12-16 psi)				
Rear	0.7-1.0 KGF/cm (10-14 psi)	0.7-1.1 KGF/cm (10-12 psi)				
Decks						
Deck Option 1	36 XRD	38 XRD	42 XRD	48 XRD	42 XRD	48 XRD
Cutting Width - Inches (cm)	36 (92)	38 (97)	42 (107)	48 (122)	42 (107)	48 (122)
Deck Option 2	-	-	36 HGM	36 HGM	36 HGM	36 HGM
Cutting Width - Inches (cm)	-	-	36 (92)	36 (92)	36 (92)	36 (92)

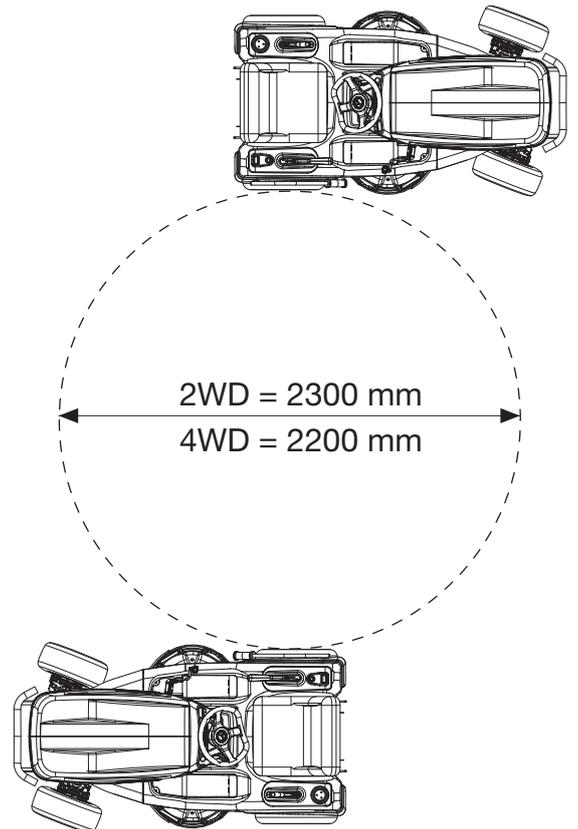
Specifications – F & T Series



MAXIMUM DIMENSIONS INCLUDING PGC AND 48 XRD ACCESSORIES



TURNING CIRCLE



Personal Service Record

Use this page as a personal record of the service history of your garden tractor. Ask your dealer to stamp the appropriate box at the same time as your Service Record Card.

Model Serial Number
Date of Purchase
Date of Registration
Name of Dealer

1st	First Service
DEALER STAMP OR NAME & ADDRESS	
Service Date:..... Hours:.....	
Dealer's Signature:	

4th	Fourth Service
DEALER STAMP OR NAME & ADDRESS	
Service Date:..... Hours:.....	
Dealer's Signature:	

2nd	Second Service
DEALER STAMP OR NAME & ADDRESS	
Service Date:..... Hours:.....	
Dealer's Signature:	

5th	Fifth Service
DEALER STAMP OR NAME & ADDRESS	
Service Date:..... Hours:.....	
Dealer's Signature:	

3rd	Third Service
DEALER STAMP OR NAME & ADDRESS	
Service Date:..... Hours:.....	
Dealer's Signature:	

6th	Sixth Service
DEALER STAMP OR NAME & ADDRESS	
Service Date:..... Hours:.....	
Dealer's Signature:	

Service Check List

This unit must be fully serviced after 100 hours run time by an approved dealer only. This tractor should also be visually checked by the user before every use, weekly, when prompted by the digital display at Ins1 and again at Ins2.

Before every use	
Check	Check Type
All safety guards	
Machine is free from grass	
Deck is properly secured	
PGC or other rear accessory is properly secured	

Weekly	
Check	Check Type
All safety guards	
Machine is free from grass	
Deck is properly secured	
PGC or other rear accessory is properly secured	
Engine oil level	

Ins 1 (after 20 hours usage)	
Check	Check Type
Deck pins are secure	
PGC or other rear accessory is secure	
PGC securing clamps are working and in good condition	
Net is secure and all mechanisms functioning as required	
Net is intact and mesh is free from holes	
Dashboard components are functioning as described in this manual	
Tyre condition and pressure	
Engine oil level	

Ins 2 (after 50 hours usage)	
Check	Check Type
Deck pins are secure	
PGC or other rear accessory is secure	
PGC securing clamps are working and in good condition	
Net is secure and all mechanisms functioning as required	
Net is intact and mesh is free from holes	
Steering handling	
Deck drive belt condition	
PTO rear accessory drive belt condition	
Parking brake condition	
Tyre condition and pressure	
Transaxle oil level	

Ser (Full service after 100 hours usage)	
Check	Check Type
Complete Service	Must be carried out by approved dealer only

KEY

	Visual checks only
	Low level maintenance

Certificate of Conformity

Manufacturer: COUNTAX Ltd.

Address: Countax House, Haseley Trading Estate, Great Haseley, Oxon, OX44 7PF

Model:	T30 (TBC)	T50	T60	T80	F60-4WD	F250-4WD
Power (kW)	TBC	10.81	11.93	13.42	11.93	19.4
Engine operating speed (rpm)	TBC	2700	2900	2900	2900	2900
Engine manufacturer	TBC	Briggs & Stratton	Kawasaki	Kawasaki	Kawasaki	Kawasaki
Engine type	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
Mass (kg)	TBC	237.2	245.5	245.5	267.5	288.6
Max drawbar pull (kg) at coupling hook	TBC	500	500	500	500	500
Max rear axle weight (kg)	TBC	250	250	250	250	250
Type of cutting device	TBC	Cutterbar	Cutterbar	Cutterbar	Cutterbar	Cutterbar
Max sound power level (db(A)) Deck option A	36XRD	38XRD	42XRD	48XRD	42XRD	48XRD
	100	100	105	105	105	105
Vibration level (deck option A)	TBC	TBC	TBC	TBC	TBC	TBC
Max sound power level (db(A)) Deck option B	-	-	36HGM	36HGM	36HGM	36HGM
	-	-	100	100	100	100
Vibration level (deck option B)	-	-	TBC	TBC	TBC	TBC

Conformity assessment procedure: According to EC Noise Directive Annex VI 2000/14/ec

Notified Body: Intertek Research & Performance Testing, Davy Avenue, Knowhill, Milton Keynes MK5 8NL

Standards applied: Machinery Directive – 2006/42/EC Noise Directive (2000/14/EC)

92/59/EEC using BS EN ISO 12001-2:2003 Safety of machinery. (Basic concepts, general principles for design Technical principles) and BS 294:1992 BS EN 836:1997 Garden equipment - Powered lawnmowers - Safety.

The undersigned, representing the manufacturer, herewith declares the product conforms with the standards shown herewith.

SIGNED:



David Sturges
Managing Director

Date of Declaration: 29/08/2014

Place of Declaration: Oxford, England



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