

1998

**13/40**

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**HERITAGE TRACTOR**

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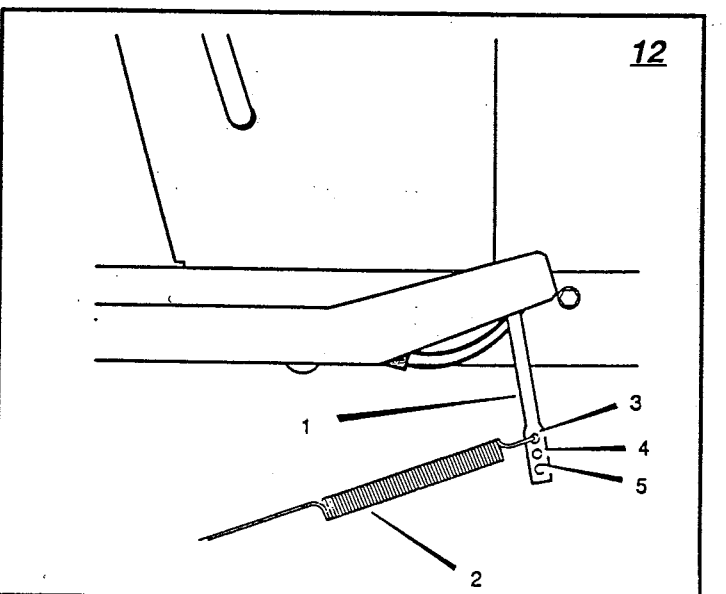
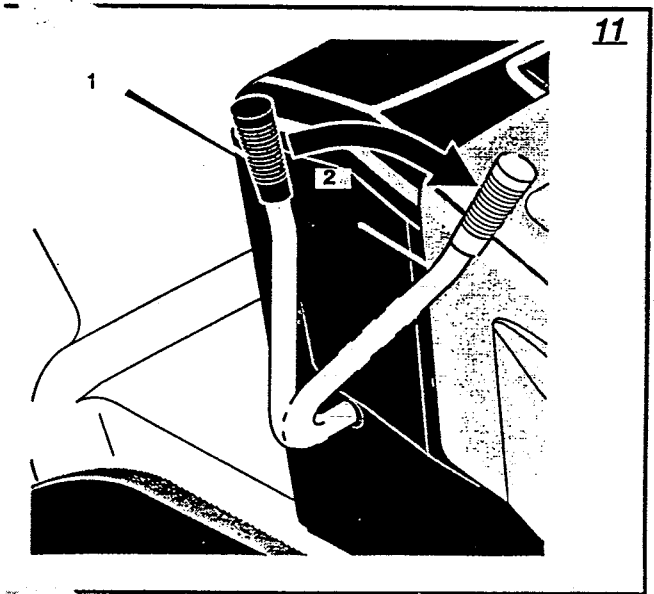
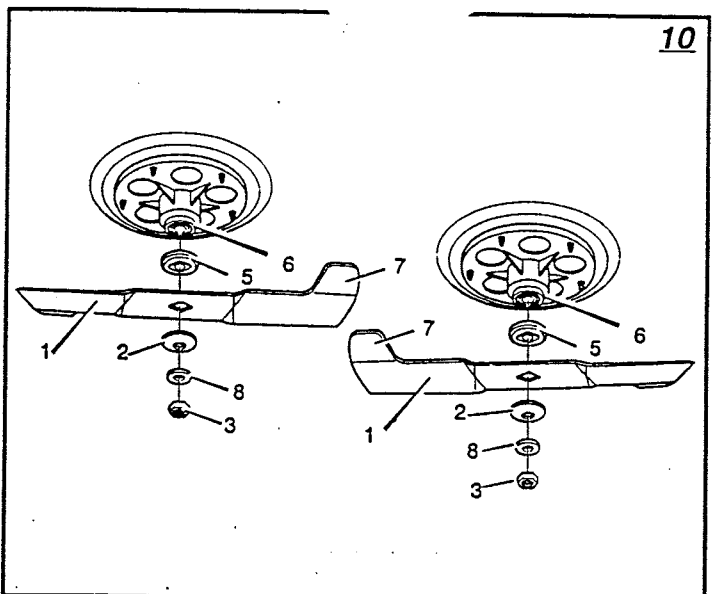
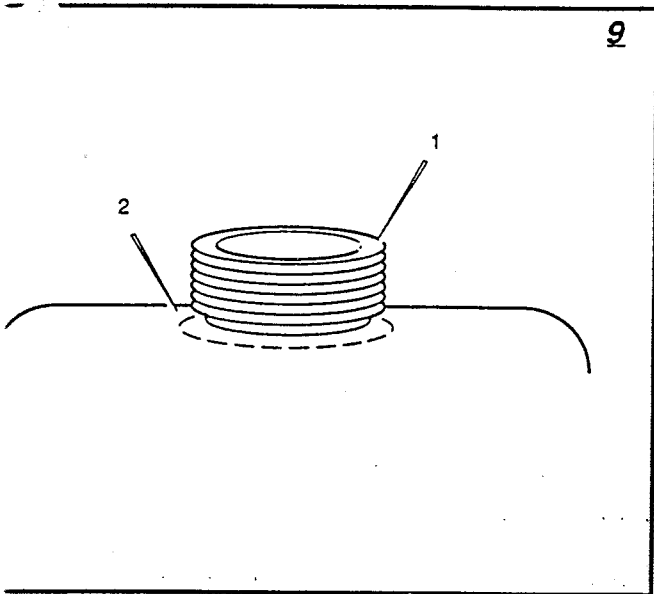
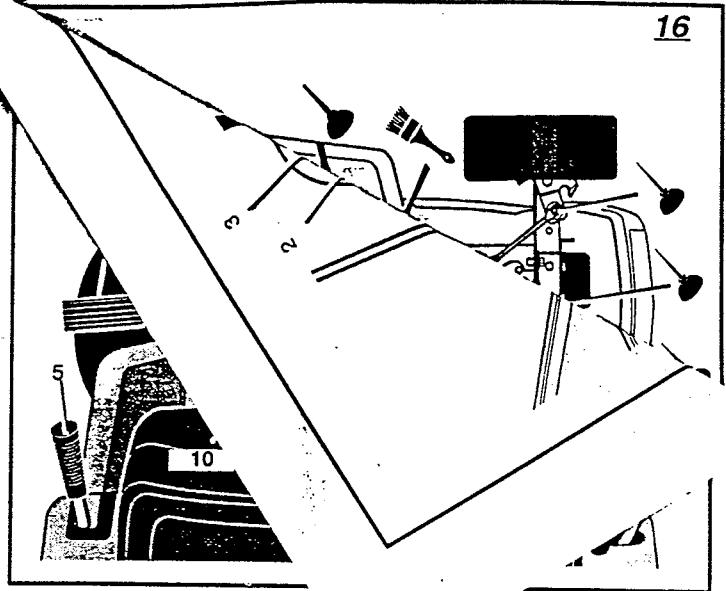
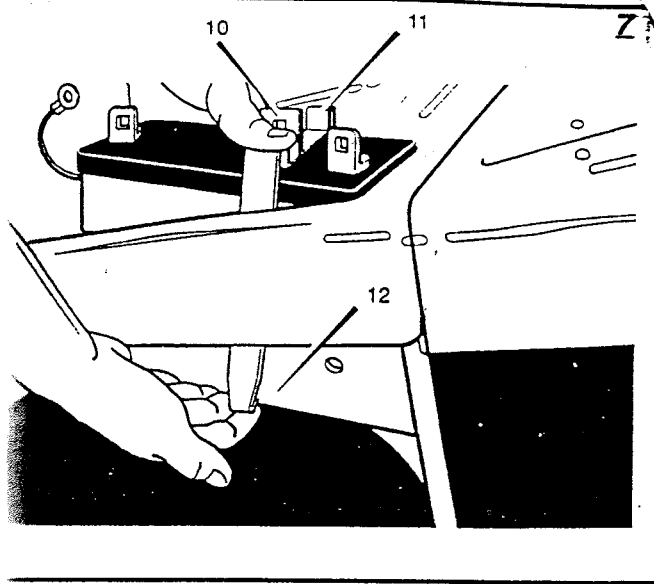
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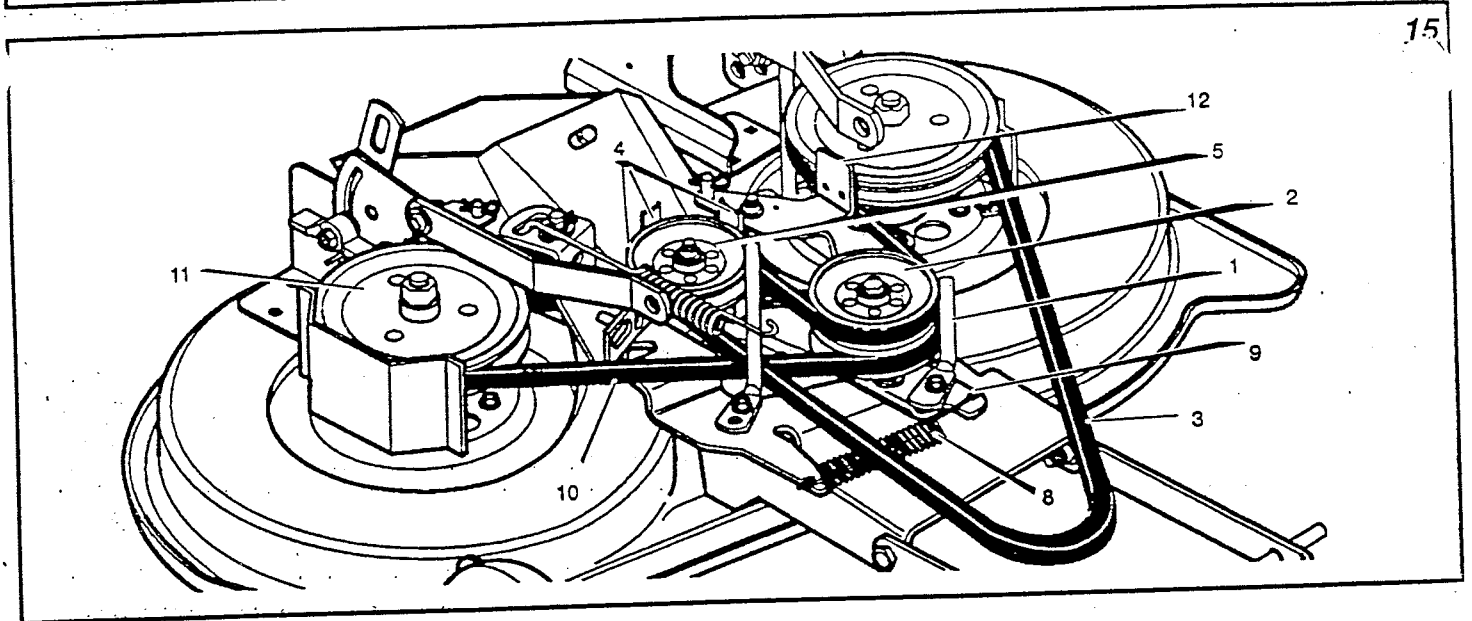
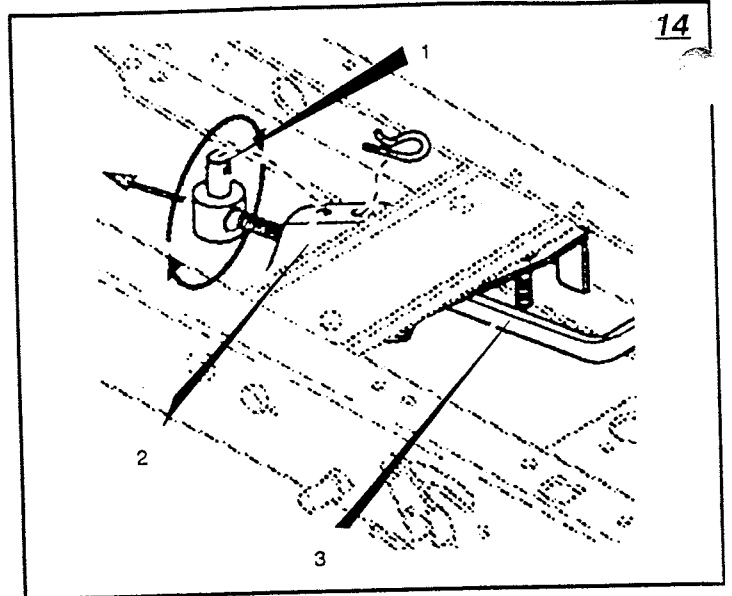
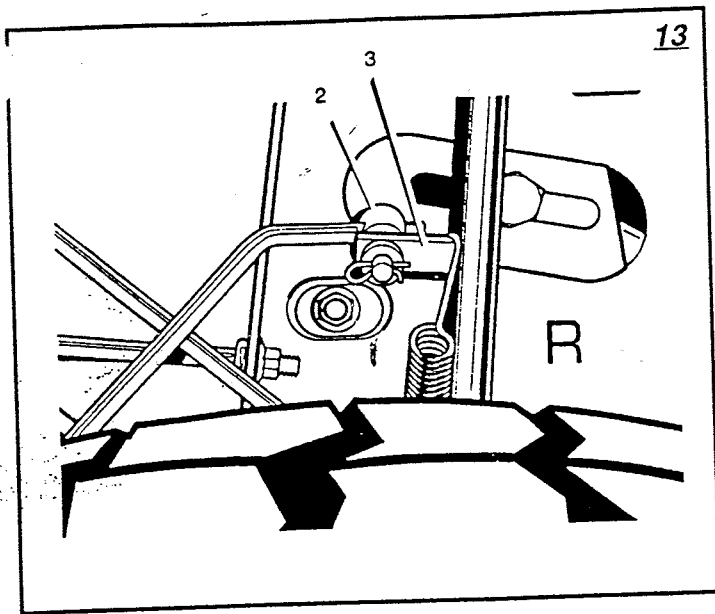
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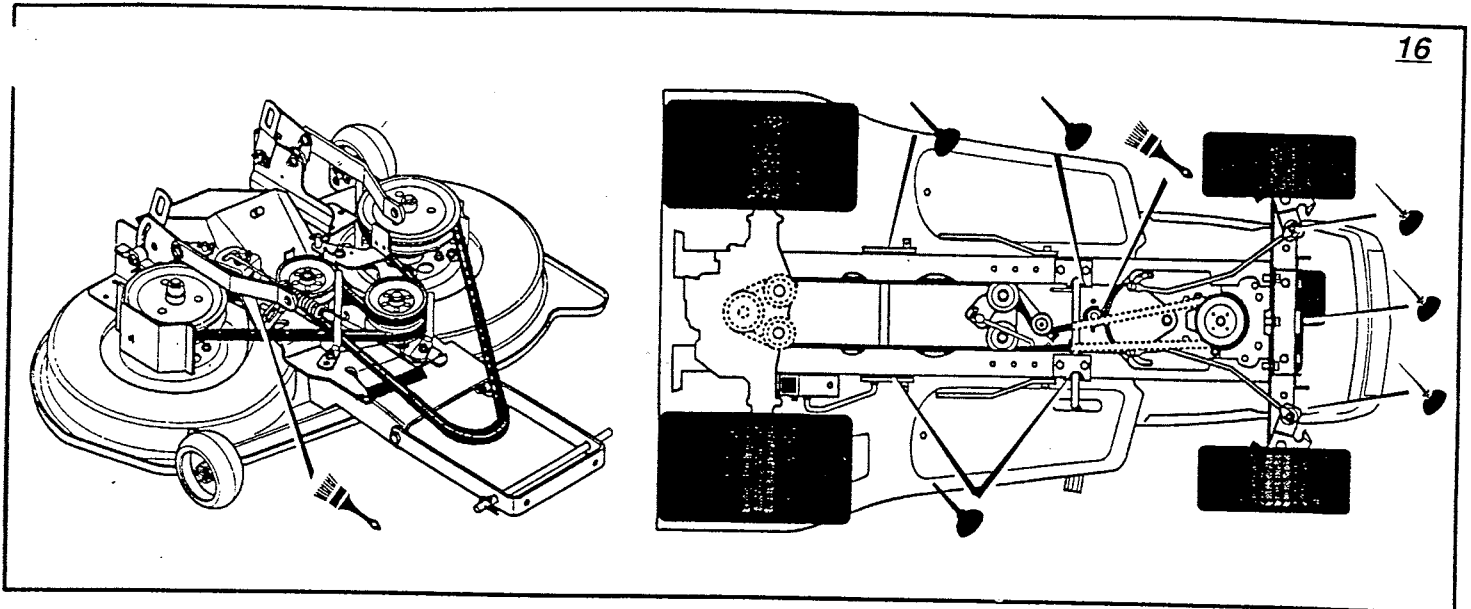
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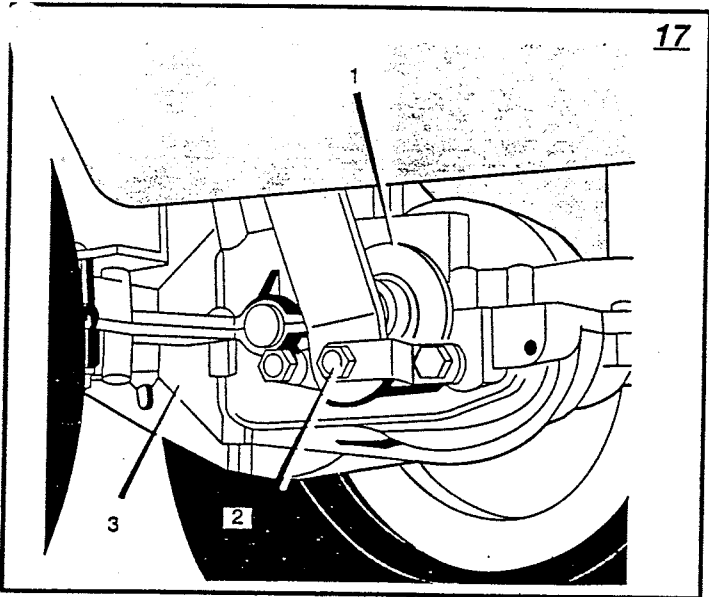
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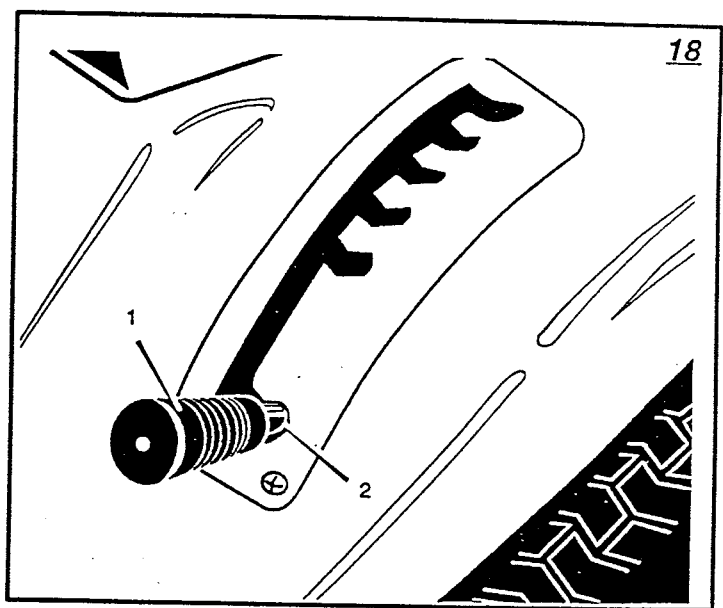




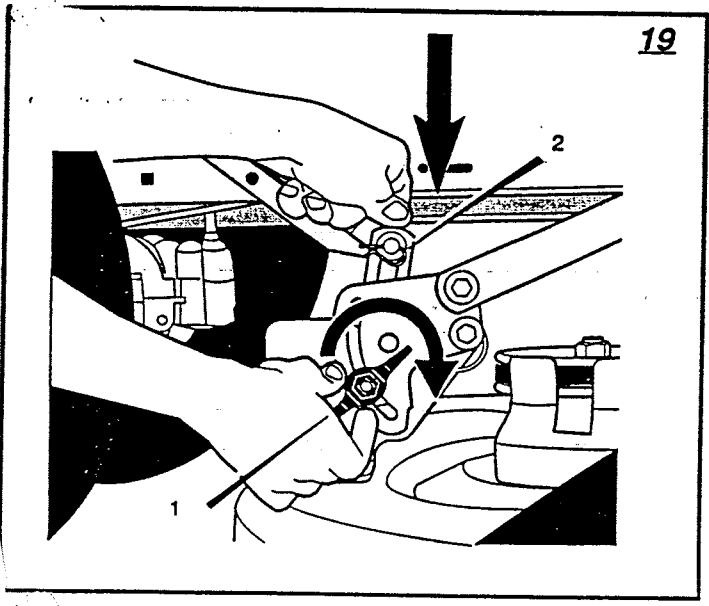
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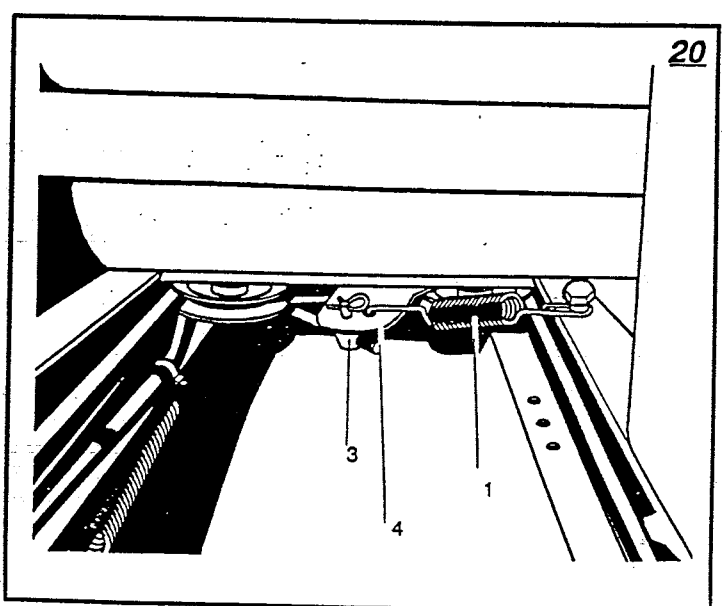
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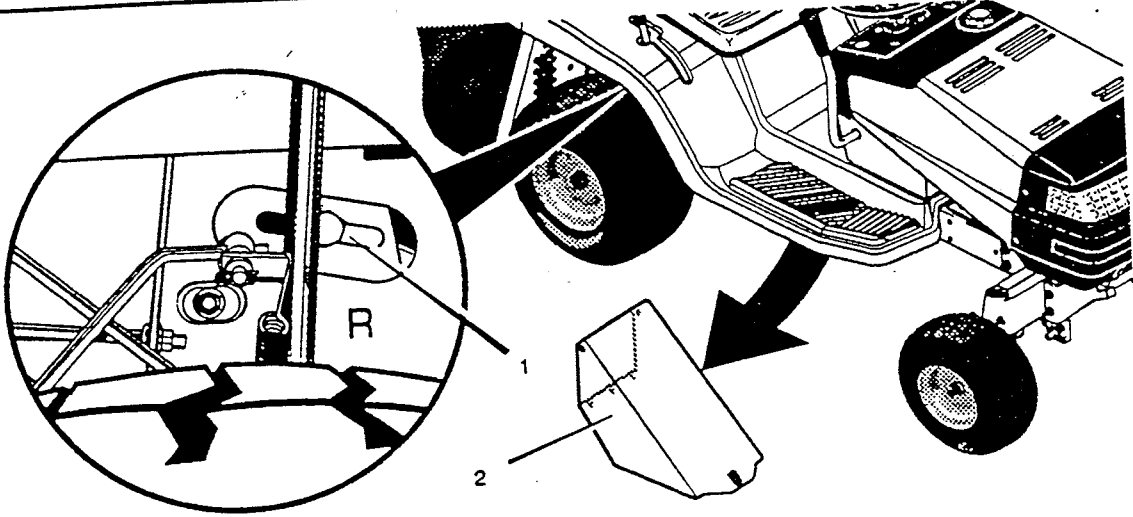


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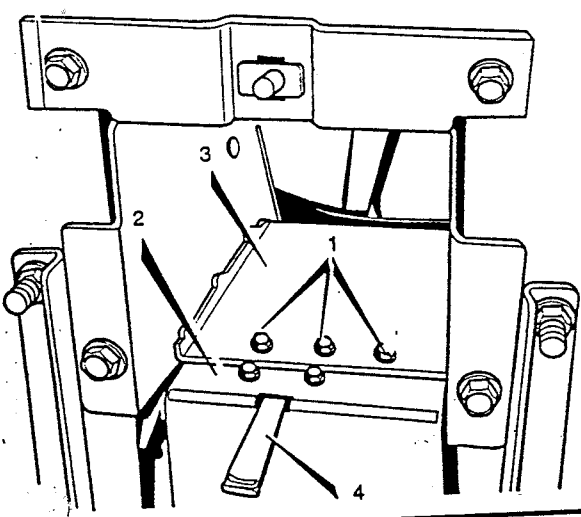


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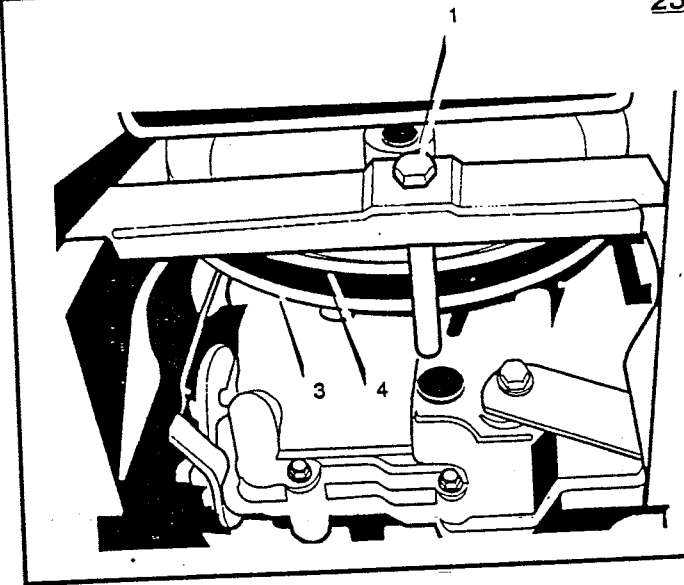
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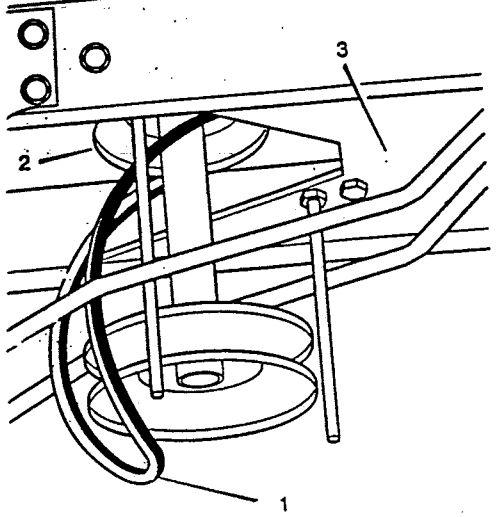
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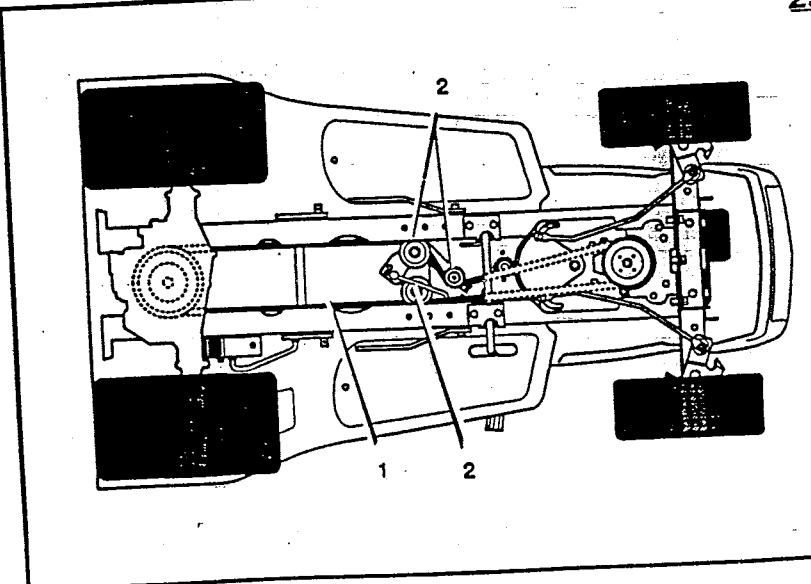
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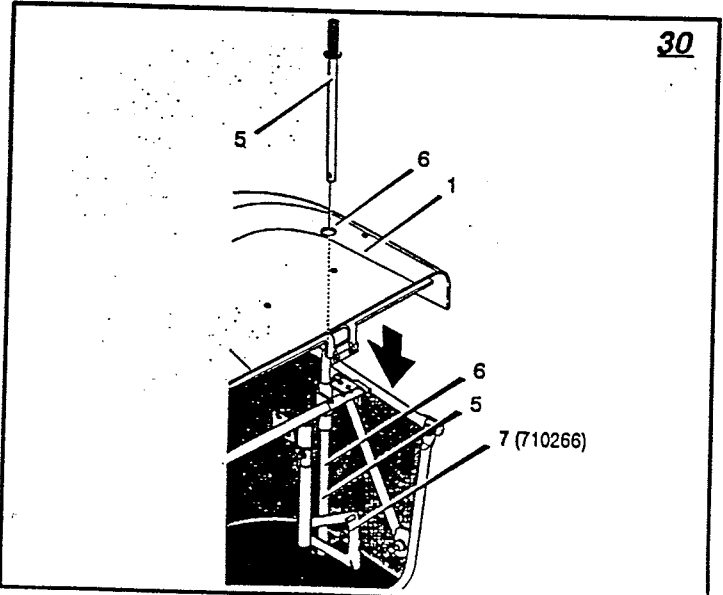
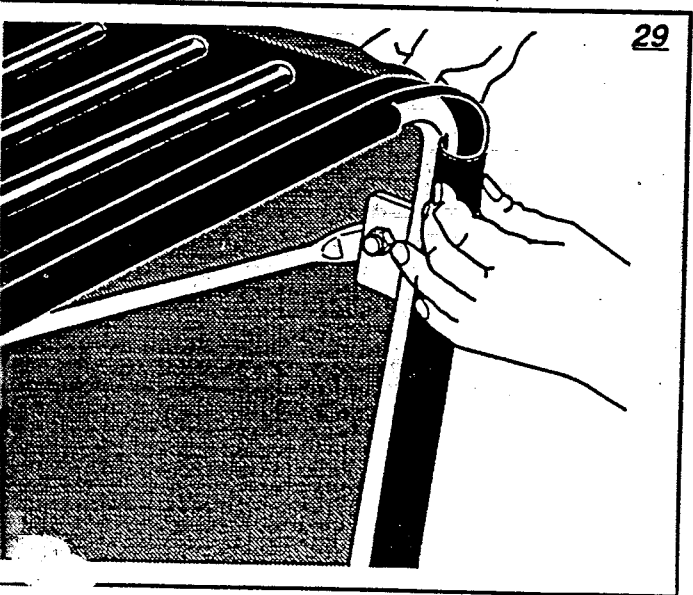
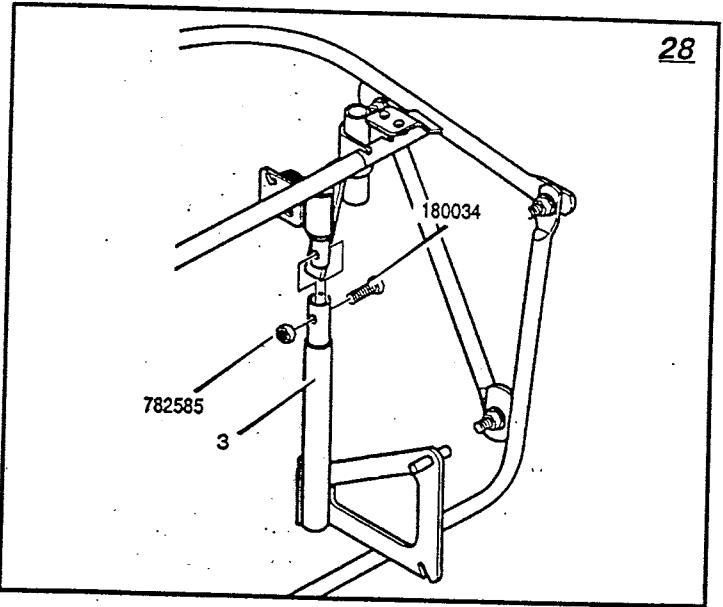
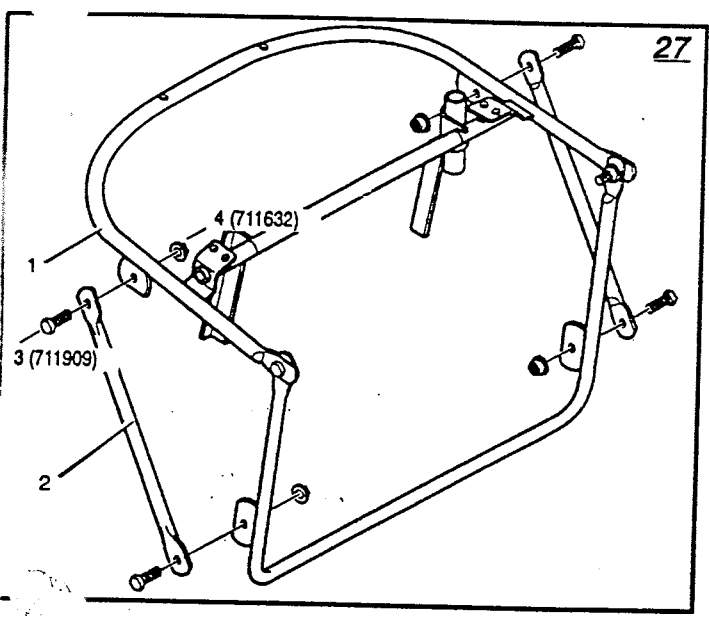
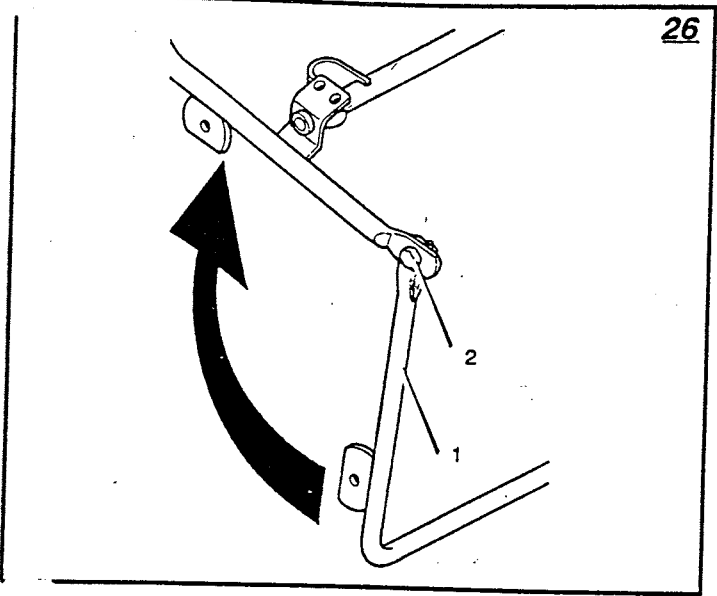


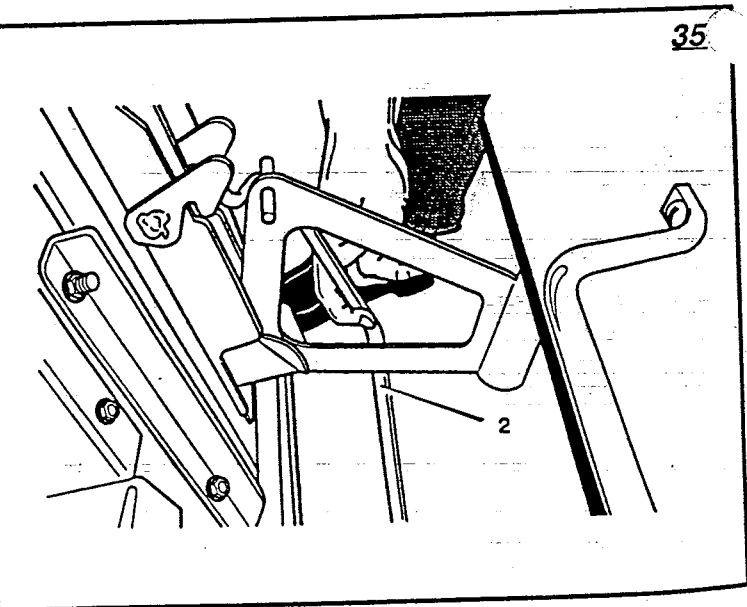
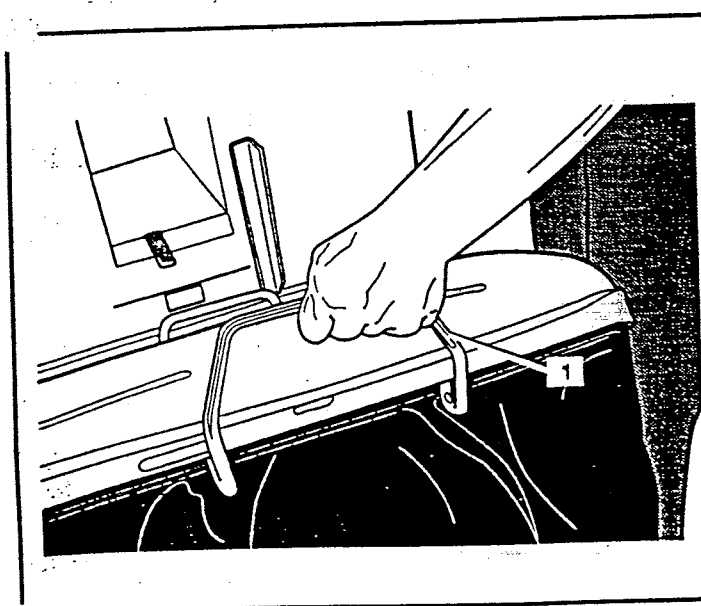
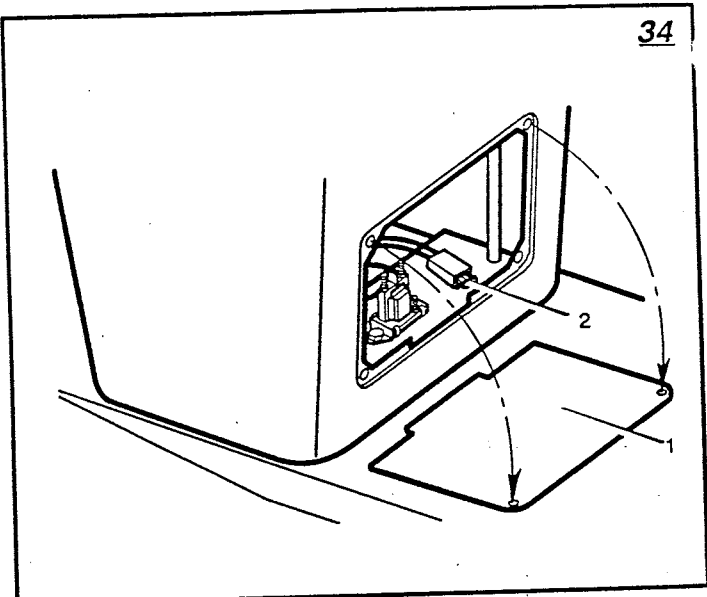
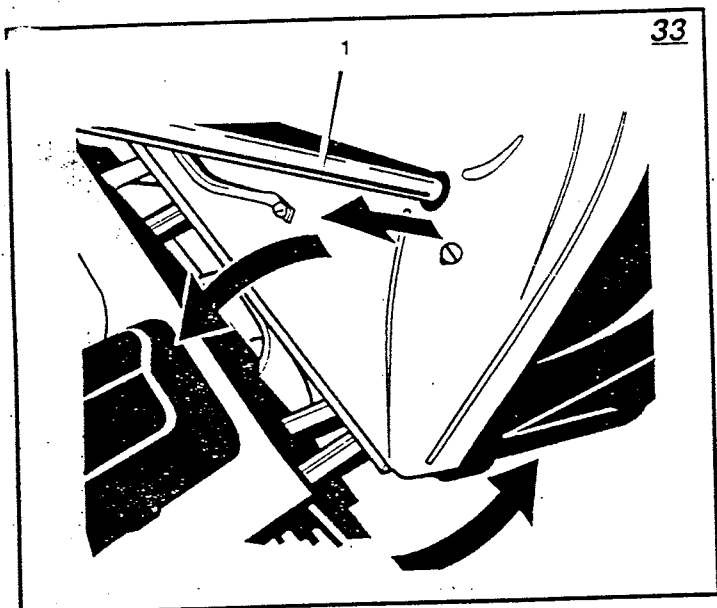
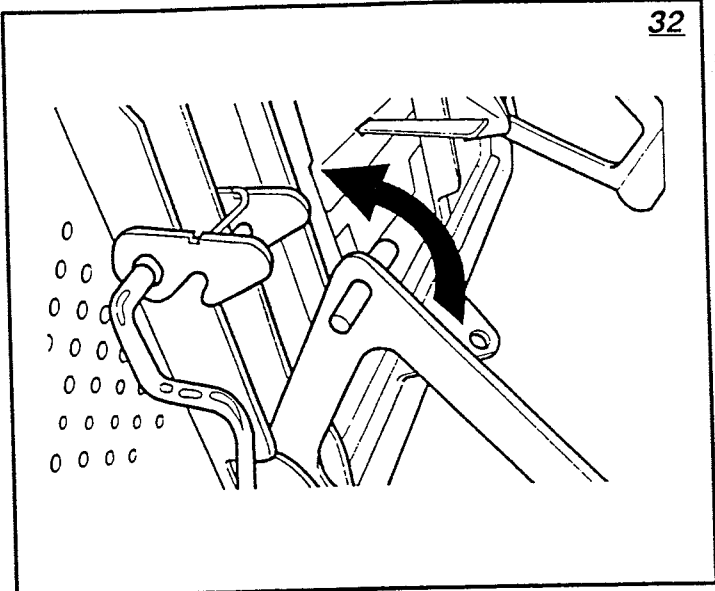
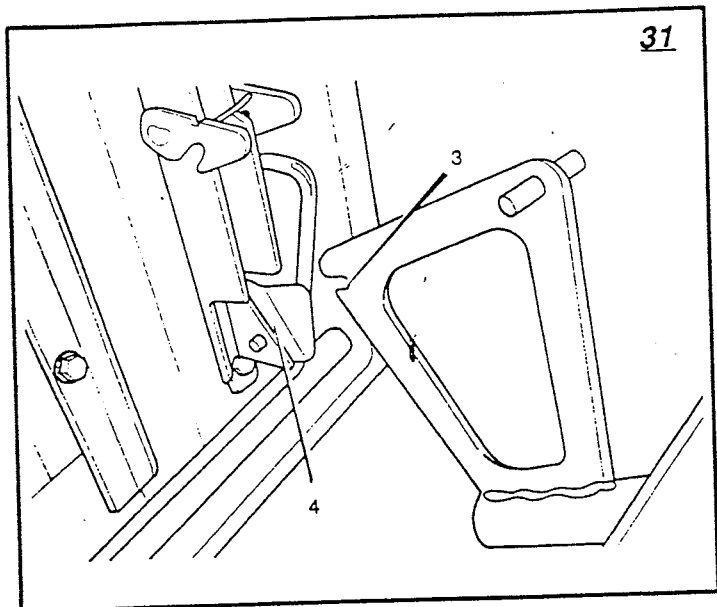
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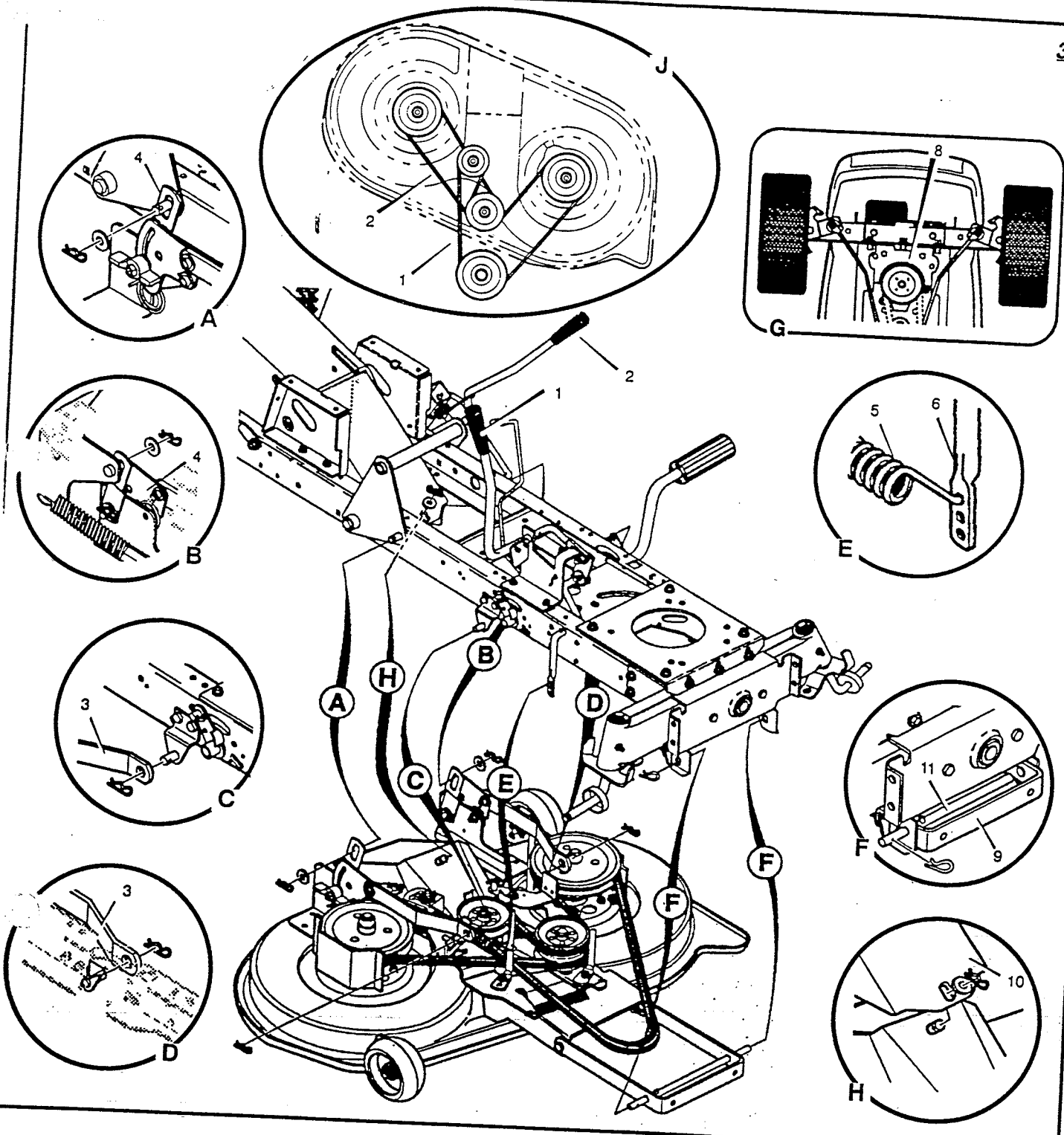


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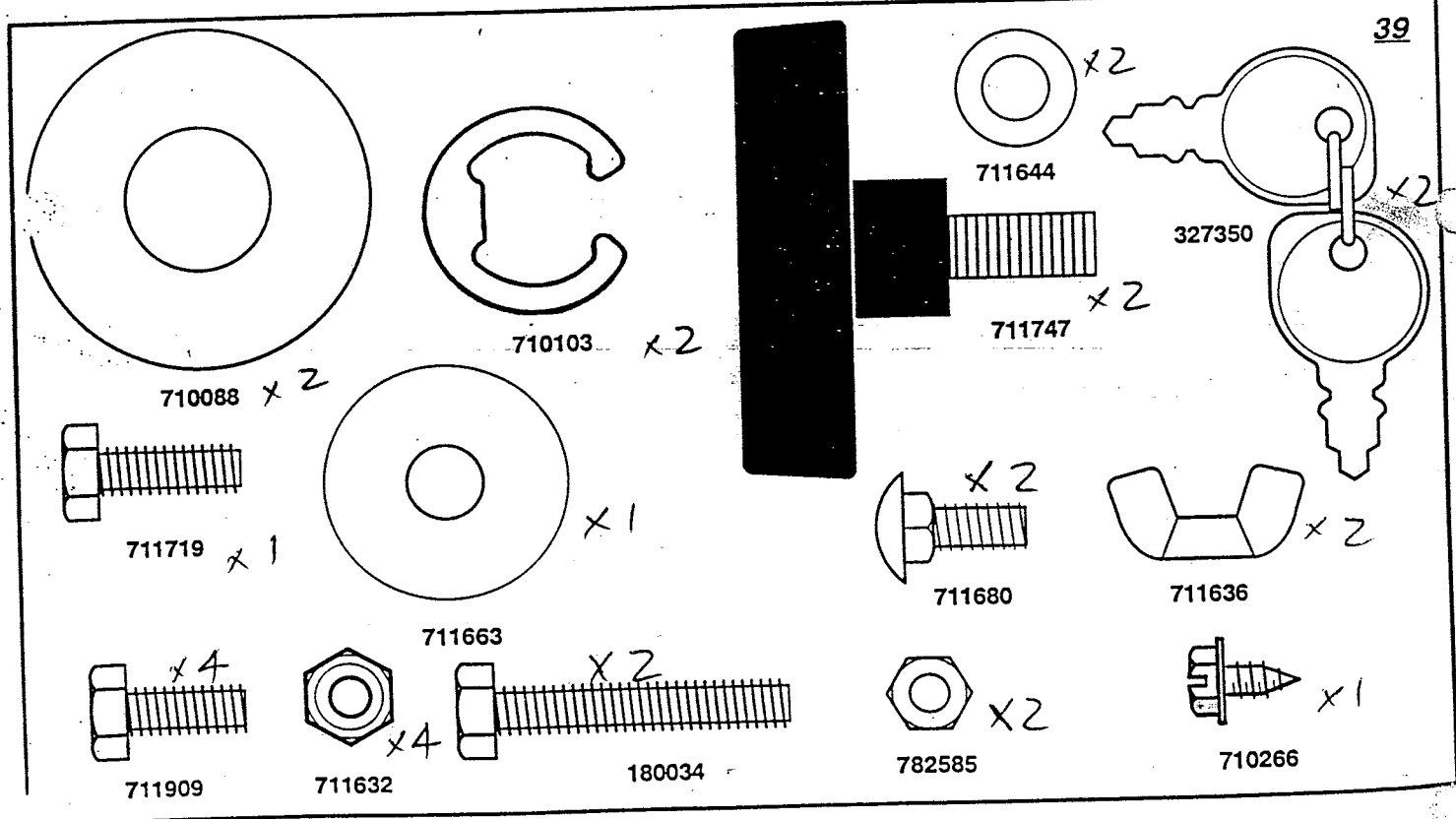
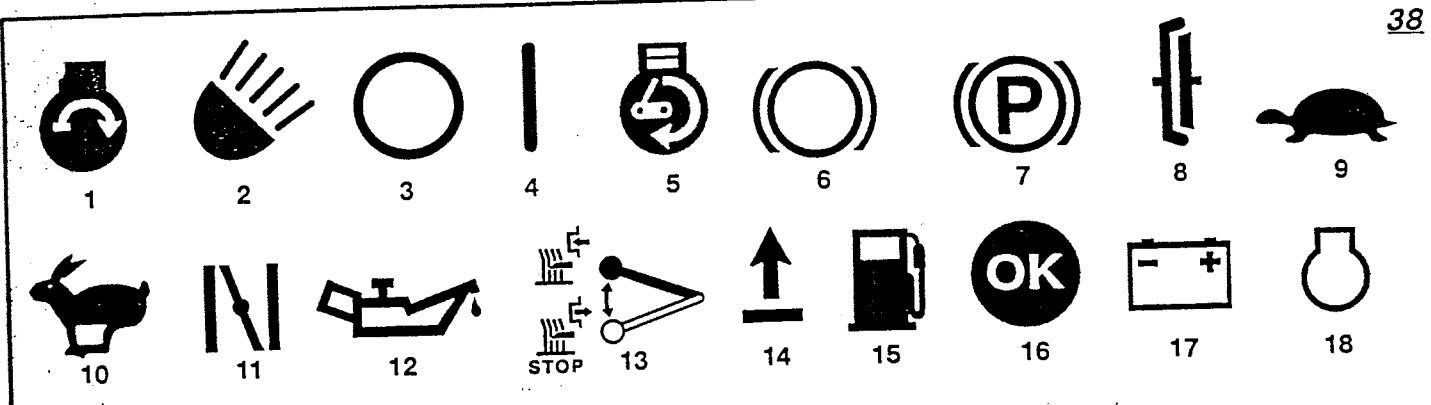
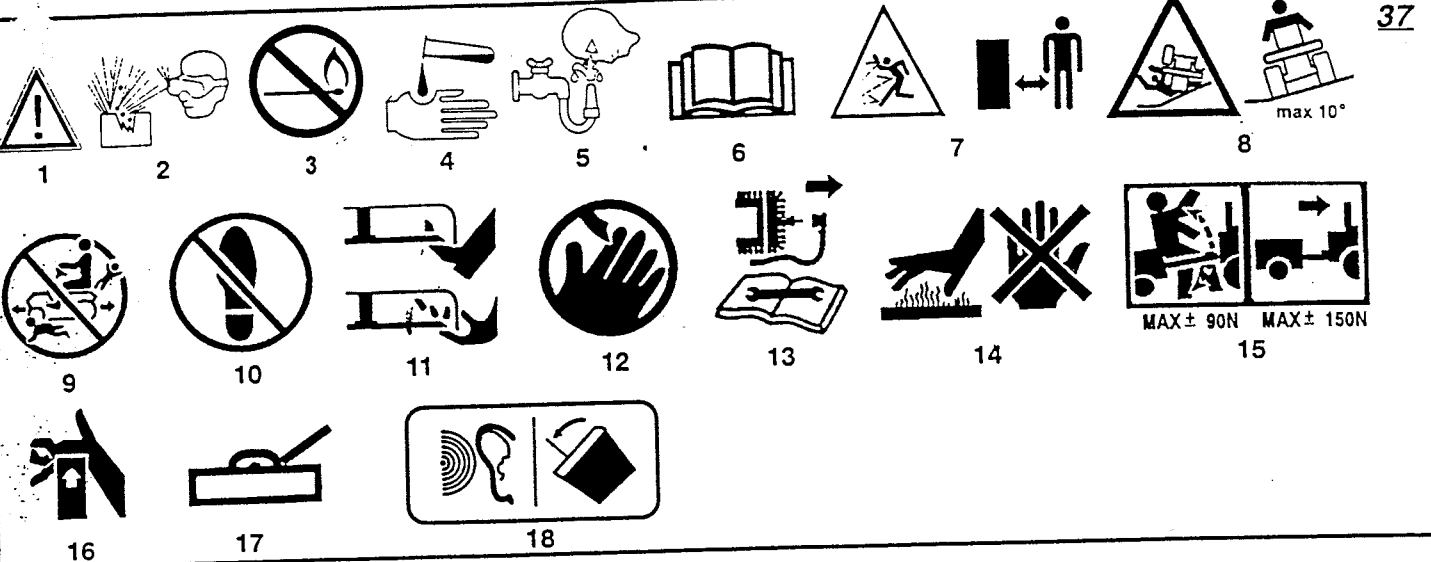














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Hayter Limited warrants to the original user/purchaser that this unit shall be free from defects in material and workmanship under normal use and service for a period of two years from the date of purchase. To qualify for the full benefit of the warranty, the warranty registration card must be returned within 60 days of purchase. This warranty does not cover engines or wearing parts i.e. cutters, wheels and tyres. If you have any doubt, consult a Hayter authorised dealer for clarification.

Subject to the conditions and exclusions noted in this limited warranty, we shall at our option, repair or replace any warranted part during the applicable period. Engine manufacturers furnish their own warranties and provide services through their authorised network. If you experience any difficulty, please contact a Hayter authorised dealer.

To qualify for the second twelve month period of the above two year limited warranty, the machine must be serviced by a Hayter authorised dealer. This chargeable service should be carried out within 14 months of purchase and be in accordance with the recommendations for service determined by Hayter.

This warranty does not apply to any unit that has been tampered with, altered, misused, abused or used for hire and will become invalid if non genuine Hayter parts are fitted. This warranty does not cover minor mechanical adjustments unless they are due to defective materials or workmanship. Consult the owners handbook or a Hayter authorised dealer for assistance when making these ad-

justments.

A warranty period of 90 days applies to machines used for commercial purposes.

To make a warranty claim, return the unit to a Hayter authorised dealer along with proof of purchase indicating the machine serial number and purchase date. Subject to the conditions and exclusions in this limited warranty, the authorised dealer will, at our option, repair or replace any warranted part within the duration of the warranty period.

This limited warranty gives you specific legal rights and is in addition to any statutory rights to which you may be entitled and your statutory rights are not affected by this warranty. If you need additional information concerning this written warranty, or assistance in obtaining services, please write to: HAYTER LIMITED, Service Department, Spellbrook, Bishop's Stortford, Herts. CM23 4BU.

Details of your local Hayter authorised dealer are contained in Yellow Pages or contact: Freephone 0800 616298.

## INTERNATIONAL PICTORIALS

**IMPORTANT:** The following pictorials are located on your unit or on literature supplied with the product. Before you operate the unit, learn and understand the purpose for each pictorial.

**NOTE:** Illustrations and pictorials begin on page 2.

### Safety Warning Pictorials (Figure 37)

- 1 Warning
- 2 Shield Eyes. Explosive Gases Can Cause Blindness Or Injury.
- 3 No Sparks, Flames or Smoking.
- 4 Sulphuric Acid Can Cause Blindness Or Severe Burns
- 5 Flush Eyes Immediately With Water. Get Medical Help Fast.
- IMPORTANT:** Read Owner's Manual Before Operating This Machine.

- 7 **WARNING:** Thrown Objects. Keep Bystanders Away. Read User Instructions Before Operating This Machine.
- 8 **WARNING:** Do Not Use This Machine On Slopes Greater Than 10 Degrees.
- 9 **DANGER:** Keep People, Especially Children, Away From Unit.
- 10 **DANGER:** No Step.
- 11 **DANGER:** Keep Feet And Hands Away From Rotating Blade.
- 12 **DANGER:** Keep Hands Away From Rotating Blade.
- 13 **DANGER:** Disconnect Spark Plug Wire Before Servicing Unit.
- 14 **WARNING:** Hot Surface.
- 15 **WARNING:** Use Caution When Connecting Or Disconnecting Accessories.
- 16 **WARNING:** Crushed Fingers.
- 17 Mower Housing Level Adjustment Position Only.
- 18 **WARNING:** When you hear the audible alarm it is time to empty the grass bagger.

### Control And Operating Pictorials (Figure 38)

- 1 Engine Start
- 2 Lights
- 3 Engine Stop
- 4 Engine Run
- 5 Engine Run
- 6 Brake
- 7 Parking Brake
- 8 Clutch
- 9 Slow
- 10 Fast
- 11 Choke
- 12 Oil
- 13 Blade Rotation Control
- 14 Raise
- 15 Fuel
- 16 All Systems Go
- 17 Battery Light
- 18 Engine Control

MADE IN USA BY MURRAY INC. MADISON, TENNESSEE	
FOR <b>HAYTER</b>	
TYPE: CODE144R	
MODEL: 13/40 TRACTOR REAR COLLECT	
kW	RPM 2400
227	1998
SERIAL NO: 144R999999	

Declared vibration emission values in accordance with Directive 89/392/EEC.

Vibration Emission: Seat < 0.5 m/s<sup>2</sup>, Steering Wheel 4.94 m/s<sup>2</sup>

Right Running Board 1.39 m/s<sup>2</sup>, Left Running Board 0.80 m/s<sup>2</sup>

Values determined with operator in operating position when the machine was operated stationary on a grass covered surface at 2400 min<sup>-1</sup>.

Declared airborne noise emissions are within the limits specified in Directive 84/538/EEC. Values indicated were measured according to Directive 81/1051/EEC.

Sound Power Level 100 dB(A)

Sound Pressure Levels

at operator ears 85.7 dB(A) left; 85.6 dB(A) right.

**INFORMATION**

When you understand the unit operates, you will get the best results. As you read this manual, compare it to the unit. Learn the location of the controls. To help prevent accidents, follow the operating instructions carefully. Keep this manual for future reference.



Look for this symbol to indicate safety precautions. This symbol means: "Beware! Become Alert! Your safety is at risk."

**Responsibility Of The Owner**

**WARNING:** This cutting machine is capable of amputating hands and feet and throwing objects. Failure to follow the following safety instructions can result in serious injury or death to the operator or bystanders.

The responsibility of the owner is to read and follow the instructions below.

**OPERATION PRACTICES**

**Ride-On (Riding) Mower Machines**

Read the instructions carefully. Be familiar with the controls and the proper use of the machine.

Do not allow children or people unfamiliar with the instructions to use the mower. Local regulations may restrict the age of the operator.

Warn family members, especially children and pets, are nearby.

Remind that the operator or user is responsible for accidents or hazards occurring to other people or their property, including passengers.

Always seek and obtain professional technical instruction. Such instruction should emphasize:

the need for care and concentration when working with ride-on machines; the control of a ride-on machine sliding down a slope will not be regained by the application of the brake. The main reasons for loss of control are:

- insufficient wheel grip;
- being driven too fast;
- inadequate braking
- the type of machine is unsuitable for its task;
- lack of awareness of the effect of ground conditions, especially on slopes;
- incorrect hitching and load distribution.

When mowing, always wear substantial shoes and long trousers. Do not operate the equipment when barefoot or wearing sandals.

2. Thoroughly inspect the area where the equipment is to be used and remove all objects which may be thrown by the machine.
3. **WARNING - Petrol is highly flammable.**
  - a. Store fuel in containers specifically designed for this purpose.
  - b. Refuel outdoors only and do not smoke while refuelling.
  - c. Add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.
  - d. If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapours have dissipated.
  - e. Replace all fuel tanks and container caps securely.
4. Replace faulty silencers.
5. Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
6. On multi-blade machines, take care as rotating one blade can cause other blades to rotate.

**Operation**

1. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
2. Mow only in daylight or in good artificial light.
3. Before attempting to start the engine, disengage all blade attachment clutches and shift into neutral.
4. Do not use on slopes of more than 10 degrees.
5. Remember there is no such thing as a "safe" slope. Travel on grass slopes requires particular care. To guard against overturning:
  - a. do not stop or start suddenly when going up or downhill;
  - b. engage clutch slowly, always keep machine in gear, especially when travelling downhill;
  - c. machine speeds should be kept low on slopes and during tight turns;
  - d. stay alert for humps and hollows and other hidden hazards;
  - e. never mow across the face of the slope, unless the mower is designed for this purpose.
6. Use care when pulling loads or using heavy equipment.
  - a. Use only approved drawbar hitch points.
  - b. Limit loads to those you can safely control.
  - c. Do not turn sharply. Use care when reversing.
  - d. Use counterweight(s) or wheel weights when suggested in the Instruction Book.
7. Watch out for traffic when crossing or near roadways.
8. Stop the blades rotating before crossing surfaces other than grass.
9. When using any attachments, never direct discharge of material toward bystanders

10. Never operate the mower with defective guards or shields, or without safety protective devices in place.
11. Do not change the engine governor settings or overspeed the engine. Operating an engine at excessive speed may increase the hazard of personal injury.
12. Before leaving the operator's position
  - a. disengage the power take-off and lower the attachments;
  - b. change into neutral and set the parking brake;
  - c. stop the engine and remove the key.
13. Disengage drive to attachments, stop the engine, and disconnect the spark plug wire(s) or remove the ignition key
  - a. before cleaning blockages or unclogging chute;
  - b. before checking, cleaning or working on the mower;
  - c. after striking a foreign object. Inspect the mower for damage and make repairs before restarting and operating the equipment;
  - d. if the machine starts to vibrate abnormally (check immediately).
14. Disengage drive to attachments when transporting or not in use.
15. Stop the engine and disengage drive to attachment
  - a. before refuelling;
  - b. before removing the grass catcher;
  - c. before making height adjustment unless adjustment can be made from the operator's position.
16. Reduce the throttle setting during engine run-out and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of mowing.
17. Before and when backing, look behind and down for small children.
18. Use extra care when approaching blind corners, shrubs, trees or other objects that may obscure vision.

**Maintenance and Storage**

1. On multi-blade machines, take care as rotating one blade can cause other blades to rotate.
2. When machine is to be parked, stored or left unattended, lower the cutting means unless a positive mechanical lock is used.
3. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
4. Never store the equipment with petrol in the tank inside a building where fumes may reach an open flame or spark.
5. Allow the engine to cool before storing in any enclosure.
6. To reduce the fire hazard, keep the engine, silencer, battery compartment and petrol storage area free of grass, leaves, or excessive grease.
7. Check the grass catcher frequently for wear or deterioration.
8. Replace worn or damaged parts for safety.
9. If the fuel tank has to be drained, this should be done outdoors.

SEMBLY

Fasteners are in the parts bag. Do not disassemble or material until the unit is assembled.

**WARNING:** Before doing any assembly or maintenance to the mower, remove the wire from the plug.

In this instruction book, left and right indicate the location of a part with the operator on the seat.

Illustrations and pictorials begin on page 2.

To assemble the following loose parts, use the fasteners shown at full size in Figure 39.

**How To Install The Front Wheels (Figure 39)**

Use a utility knife and cut the four sides of the container to install the front wheels (1) in the container.

Use a piece of wood about 4 feet (1.25 meters) long to raise the front of the tractor. If wood cannot be found, get a block of wood to help lift the tractor. Be careful not to let the tractor fall.

Remove the front of the tractor. Set a support block of wood under the tractor.

Be sure the valve stem (2) is to the outside of the tractor. Slide the front wheel (1) onto the spindle (3).

Secure each front wheel (1) with washer (4) and nut (5).

When the front wheels (1) are installed, lift the tractor from the support. Roll the tractor out of the container.

If your tractor has hub caps (6), install the hub caps (6).

**The Tyres**

Check the air pressure in the tyres. Tyres with too low air pressure will cause the unit to ride unevenly, so the wrong air pressure will keep the unit from cutting level. The correct air pressure is: Front Tyres 0,97 BAR (14 PSI), Rear Tyres 0,69 BAR (10 PSI). The tyres were inflated for shipment.

**How To Level The Mower Housing**

Check the level of cut is still correct. After a short distance, look at the area that is cut by the mower housing does not cut level. Follow the instructions on "How To Level The Mower Housing" in the Maintenance section of the instruction book.

**How To Install The Seat (Figure 2)**

Remove the plastic bag from the seat.

For shipping purposes the fasteners are attached to the seat. Remove the fasteners before proceeding.

Slide the holes in the seat hinge (2) to the holes in the seat (1). Fasten the seat (1) to the seat hinge (2) with the fasteners (4) and nuts (5).

In the operating position of the seat (1), the seat (1) needs to be adjusted, loosen the wing bolts (5). Slide the seat (1) forward along the seat adjusting bolts (5). Tighten the wing bolts (5).

**How To Assemble The Steering Wheel**

1. (Figure 3) For shipping purposes, the hub cover (1) is taped to the centre of the steering wheel (2). Remove the hub cover (1) and set aside.

2. (Figure 4) Remove screw (1) and washers (2) from the steering post (3) and set aside.

3. Make sure the front wheels point forward.

4. (Figure 5) In operator's position with split spoke (5) pointing toward you, slide the steering wheel (1) onto the steering post (2).

5. Use screw (6) and washers (7), set aside in earlier, to secure the steering wheel (1). Tighten screw, DO NOT over tighten.

6. Remove adhesive backing from hub cover (3), set aside earlier, and attach hub cover (3) to center of steering wheel (1).

7. Some models have an optional decal in the parts bag. Attach the decal to the centre of the steering wheel (1).

**Maintenance Free Battery (Figure 6)**

**IMPORTANT:** Before you attach the battery cables to the battery, check the battery date. The battery date tells if the battery must be recharged.

1. Check the top of the battery (1) for the location of the battery date.

2. If the battery (1) is put into service before the battery date, the battery cables can be attached without charging the battery (1). See "How To Install The Battery Cables".

3. If the battery (1) is put into service after the battery date, the battery (1) must be recharged. See "How To Charge The Maintenance Free Battery".

**How To Charge The Battery**

**WARNING:** When you charge the battery, do not smoke. Keep the battery away from any sparks. The fumes from the battery acid can cause an explosion.

1. (Figure 6) Remove the battery cover (3).

2. Remove the fasteners (9) from the battery brackets (10,11).

**WARNING:** To prevent sparks, do not touch the battery brackets to terminals.

3. (Figure 7) Apply pressure to the left hand battery bracket (10) and remove bracket from frame (12) as shown.

4. Remove the right hand battery bracket (11).

5. Remove the battery (1).

6. Remove the protective caps from the battery terminals.

7. Use a 12 volt battery charger to charge the battery (1). Charge at a rate of 6 amperes for one hour. If you do not have a battery charger, have an authorized service centre charge the battery.

8. Install the battery (1).

9. Install battery brackets (10,11).

**NOTE:** Make sure battery brackets (10,11) are installed into the slots in the frame (12) before tightening fasteners.

**How To Install The Battery Cables (Figure 6)**



**WARNING:** To prevent sparks, fasten the red cable to the positive (+) terminal before you connect the black cable.

1. Remove the protective caps from the battery terminals.

**NOTE:** For shipping purposes the fasteners may be attached to the battery terminals. Remove the fasteners before proceeding.

2. Fasten the red cable (5) to the positive (+) terminal (4) with the fasteners (6) and (7). Slide the terminal cover (2) onto the positive terminal (4).

3. Fasten the black cable (8) to the negative (-) terminal with the fasteners (6) and (7).

4. Install the battery cover (3).

**How To Assemble The Grass Bagger**

1. Place the grass bagger onto a flat surface.

2. (Figure 26) Open the frame (1). Tighten fasteners (2).

3. (Figure 27) Attach braces (2) to the frame assembly (1) with screws (3) and nuts (4). Make sure all fasteners are tight.

4. (Figure 28) Attach the bag support brackets (3) with hardware supplied.

5. (Figure 29) Secure the bag to the frame.

6. (Figure 30) On the left side of the grass bagger assembly (1), slide the handle (5) into the tube (6).

7. Fasten the handle (5) with screw (7).

**How To Mount The Grass Bagger On The Tractor**

1. (Figure 31) Place the slots on the support brackets (3) onto the pins (4) on the back plate of the tractor.

2. (Figure 32) Grasp rear handle and rotate grassbagger into operating position. Snap into place.

**How To Prepare The Engine**

**NOTE:** The engine was shipped from the factory filled with oil. Check the level of the oil. Add oil as needed.

See the engine manufacturer's instructions for the type of petrol and oil to use. Before you use the unit, read the information on safety, operation, maintenance, and storage.

**WARNING:** Follow the engine manufacturer's instructions for the type of petrol and oil to use. Always use a safety petrol container. Do not smoke when adding petrol to the engine. When inside an enclosure, do not fill with petrol. Before you add petrol, stop the engine. Let the engine cool for several minutes.

**Important! Before You Start Mowing**

- Check the engine oil.
- Fill the fuel tank with petrol.
- Check the level of the mower housing.
- Check the air pressure of the tyres.
- Attach the battery cables.

Illustrations and pictorials begin on

on Of Controls (Figure 8)

otation Control (1): Use the blade rotation control to start and stop the rotation of the

Brake Pedal (2): The pedal has two functions. The first function is a clutch. The second function is a brake.

Light Switch (3): The headlight switch is part of the ignition switch. To use the headlights with the engine running, turn the key to the ON position for the lights.

Ignition Switch (3): Use the ignition switch to start and stop the engine.

Shift Lever (4): Use the shift lever to change the forward speed of the unit.

Lift Lever (5): Use the lift lever to change the height of cut.

Parking Brake Lever (6): Use the parking brake lever to engage the brake when you leave the unit.

Throttle Control Lever (7): Use the throttle control lever to increase or decrease the speed of the engine. For models without a choke control, the choke is regulated with the throttle control lever.

Stop Control Button (9): If equipped, use to stop the engine.

Grass Bagger Full Indicator (10): When you hear the audible alarm the grass bagger is full. To stop the blade rotation control (1) to the DISENGAGE position to turn audible alarm off and see "How To Empty The Grass Bagger" instructions in this section.

Attachments

The unit can use many different attachments. The unit can pull attachments like a lawn mower, a lawn aerator, or a hopper spreader. The unit can not use attachments that engage the front end like a plough, a disk harrow, or a trailer and pull-behind attachments, the maximum weight is 113 kg (250 lbs.).

How To Use The Throttle Control (Figure 8)

Use the throttle control (7) to increase or decrease the speed of the engine.

The FAST position is marked with a detent. For normal operation and when using a grass bagger, move the throttle control to the FAST position. For maximum charging of the battery and for a cooler running engine, operate the engine in the FAST position.

The engine governor is set at the factory for maximum performance. Do not adjust the governor to increase the speed of the engine.

How To Use The Blade Rotation Control (Figure 8)

Use the blade rotation control (1) to engage the blade(s).

1. Before you start the engine, make sure the blade rotation control (1) is in the DISENGAGE position.

2. (Figure 11) Move the blade rotation control (1) to the ENGAGE position to rotate the blade(s).

NOTE: If the engine stops when you engage the blade(s), the seat switch is not activated or the bag is not closed properly. Make sure you sit in the middle of the seat.

3. Move the blade rotation control (1) to the DISENGAGE position to stop the blade(s). Before you leave the operator's position, make sure the blade(s) has stopped rotating.

4. Before you ride the unit across a sidewalk or a road, move the blade rotation control (1) to the DISENGAGE position.



WARNING: Always keep your hands and feet away from the blade, deflector opening, and the mower housing when the engine runs.

How To Use The Shift Lever (Figure 8)

To change the forward speed or the direction of the unit, follow the steps below.

CAUTION: Before you move the shift lever, completely push the clutch/brake pedal forward to stop the unit. If the unit is not stopped, the gearbox can be damaged.

1. Completely push the clutch/brake pedal (2) forward to stop the unit. Keep your foot on the pedal.

2. Move the throttle control lever (3) to the SLOW position.

3. To go forward, move the shift lever (4) to a forward speed setting. To go backward, move the shift lever (4) to reverse.

4. Slowly release the clutch/brake pedal (2). Do not keep your foot on the pedal.

5. Move the throttle control (7) to the FAST position.

How To Use The Parking Brake (Figure 8)

1. Completely push the clutch/brake pedal (2) forward.

2. Lift the parking brake lever (6).

3. Remove your foot from the clutch/brake pedal (2) and then release the parking brake lever (6). Make sure the parking brake will hold the unit.

4. To release the parking brake (6), completely push the clutch/brake pedal (2) forward. The parking brake will automatically release.



WARNING: Before you leave the operator's position, move the shift lever to the neutral (N) position. Set the parking brake. Move the blade rotation control to the DISENGAGE position. Stop the engine and remove the ignition key.

How To Change The Cutting Height (Figure 8)

To change the cutting height, raise or lower the lift lever (5) as follows.

1. Move the lift lever (5) forward to lower the mower housing and back to raise the mower housing.

2. When you ride on a sidewalk or road, move the lift lever (5) to the highest position and move the blade rotation control (1) to the DISENGAGE position.

How To Stop The Unit (Figure 8)

1. Completely push the clutch/brake pedal (2) forward to stop the unit. Keep your foot on the pedal.

2. Move the blade rotation control (1) to the DISENGAGE position.

3. Move the shift lever (4) to the NEUTRAL position.

4. Set the parking brake (6).



WARNING: Make sure the parking brake will hold the unit.

5. Move the throttle control (7) to the SLOW position.

6. To stop the engine, turn the ignition key (3) to the OFF position. Remove the key.

How To Transport The Unit

To transport the unit, follow the steps below.

1. Move the blade rotation control to the DISENGAGE position.

2. Raise the lift lever to the highest position.

3. Move the throttle control to a position between SLOW and FAST.

4. To go faster, move the shift lever to a faster speed.

How To Operate With The Mower Housing

IMPORTANT: When you operate with the mower housing, always operate with the throttle control in the FAST position.

1. Start the engine.

2. Move the lift lever to a height of cut position. In high or thick grass, cut the grass in the highest position first and then lower the mower housing to a lower position.

3. Move the throttle control to the SLOW position.

4. Slowly move the blade rotation control to the ENGAGE position.

5. Push the clutch/brake pedal completely forward.

6. Move the shift lever to one of the speed settings.

NOTE: When you mow in heavy grass or mow with a bagger, put the shift lever in the slowest speed.

7. Slowly release the clutch/brake pedal.

8. Move the throttle control to the FAST position. If you need to go faster or slower, stop the unit and move the shift lever to another speed setting.

9. Make sure the level of cut is still correct. After you mow a short distance, look at the area that was cut. If the mower housing does not cut level, see the instructions on "How To Level The Mower Housing" in the Maintenance section.

**WARNING:** For better control of the unit, select a safe speed.

### To Operate On Hills

**WARNING:** Do not ride up or down slopes that are too steep to back straight up. Never ride the unit down a slope.

Before you ride up or down a hill, move the shift lever to the slowest speed.

Do not stop or change speed settings on a hill. If you must stop, quickly push the clutch/brake pedal forward and set the parking brake.

To start again, make sure the shift lever is in the slowest speed. Move the throttle control to the SLOW position. Slowly release the brake pedal.

When you must stop or start on a hill, always leave enough space for the unit to roll when you use the brake and engage the clutch.

Be careful when you change directions on a hill. When on a slope or in a turn on a hill, move the throttle control to the SLOW position to help prevent an accident.

**WARNING:** Never store the grass bagger with grass clippings in the bags. Even a small amount of grass or debris can generate enough heat to start a fire.

**WARNING:** Do not operate unless the entire grass bagger attachment is in place.

### To Empty The Grass Bagger (Figure 33)

Move the blade rotation control to the DISENGAGED position.

While sitting on the seat, lift and pull the choke (1) forward to the DUMP position.

Push the choke knob forward to allow the grass to fall into the bag.

Move the handle rearward and down to the OPERATING position.

If the engine stops when you engage the choke(s), the seat switch is not activated and the grass bagger is not locked in place.

### Starting The Engine

#### Check the oil

The engine was shipped from the factory with oil. Check the level of the oil as needed. See the engine manufacturer's instructions for the type of petrol and oil.

Make sure the unit is level.

**Do not check the level of the oil while the engine runs.**

Follow the procedure in the manufacturer's instructions.

When necessary, add oil until the oil reaches the mark on the dipstick. The quantity of oil to add to FULL is shown on the dipstick. Do not add too much oil.

### Add Petrol

**WARNING:** Always use a safety petrol container. Do not smoke when adding petrol to the fuel tank. Do not add petrol when you are inside an enclosure. Before you add petrol, stop the engine and let the engine cool for several minutes.

(Figure 9) Fill the fuel tank (1) to the FULL (2) position with regular unleaded petrol. Do not use premium unleaded petrol. Make sure the petrol is fresh and clean. Leaded petrol will increase deposits and shorten the life of the valves.

### How To Start The Engine

**WARNING:** The electrical system has an operator presence system that includes a sensor switch for the seat. These components tell the electrical system if the operator is sitting on the seat. This system will stop the engine when the operator leaves the seat if the blade rotation control is engaged or if the transmission is engaged. For your protection, always make sure this system operates correctly.

**NOTE:** The engine will not start unless you depress the clutch/brake pedal or engage the parking brake and move the blade rotation control to the DISENGAGE position.

1. Push the clutch/brake pedal completely forward. Keep your foot on the pedal.
2. Move the shift lever to the neutral (N) position.
3. Make sure the blade rotation control is in the DISENGAGE position.
4. Move the throttle control completely forward to the CHOKE or FAST position. Some models have a separate choke knob. Pull the choke knob to the full CHOKE position.
5. Turn the ignition key to the START position.

**NOTE:** If the engine does not start after four or five tries, move the throttle control to the FAST position. Again try to start the engine. If the engine will not start, see the TROUBLE SHOOTING CHART.

6. Slowly move the throttle control to the SLOW position.
7. To start a hot engine, move the throttle control to a position between FAST and SLOW.

### Mowing And Bagging Tips

1. For a lawn to look better, check the cutting level of the mower housing. See "How To Level The Mower Housing" in the Maintenance section.
2. For the mower housing to cut level, make sure the tyres have the correct amount of air pressure.
3. Every time you use the unit, check the blade. If the blade is bent or damaged, immediately replace the blade. Also, make sure the nut for the blade is tight.
4. Keep the blade(s) sharpened. Worn blades will cause the ends of the grass to turn brown.
5. Do not cut or bag grass that is wet. Wet grass will not discharge correctly. Let the grass dry before cutting.



6. If the grass is very high, cut two times to decrease the load on the engine. First cut with the mower housing in the highest position and then lower the mower housing for the second cut.
7. Operate the engine with the throttle in FAST position and the shift lever in first or second gear.
8. After each use, clean the bottom and top of the mower housing for better performance. Also, a clean mower housing will help prevent a fire.

### MAINTENANCE

**NOTE:** Illustrations and pictorials begin on page 2.

#### General Recommendations

1. The owner's responsibility is to maintain this product. This will extend the life of the product and is also necessary to maintain warranty coverage.
2. Check the spark plug, drive brake, lubricate the unit, and clean the air filter once a year.
3. Check the fasteners. Make sure all fasteners are tight.
4. Follow the Maintenance section to keep the unit in good operating condition.

**WARNING:** Before you make an inspection, adjustment, or repair to the unit, disconnect the wire to the spark plug. Remove the wire from the spark plug to prevent the engine from starting by accident.

**NOTE:** Torque is measured in foot pounds (metric Nm). This measurement describes how tight a nut or bolt must be. The torque is measured with a torque wrench.

#### Inspect Blade (Figure 10)

**WARNING:** Before you inspect or remove the blade, disconnect the wire to the spark plug. If the blade hits an object, stop the engine. Check the unit for damage. The blade has sharp edges. When you hold the blade, use gloves or cloth material to protect your hands.

If you keep the blade (1) sharp and inspect the blade for damage, the blade will cut better and be more safe to operate. Frequently check the blade for excessive wear, cracks, or other damage. Frequently check the nut (3) that holds the blade (1). Keep the nut (3) tight. If the blade hits an object, stop the engine. Disconnect the wire to the spark plug. See if the blade is bent or damaged. Check the blade adapter (5) for damage. Before you operate the unit, replace damaged parts with original equipment parts. See the authorized service centre in your area. Every three years, have an authorized service person inspect the blade or replace the old blade with an original equipment part.

#### How To Remove And Install The Blade (Figure 10)

1. Remove the mower housing. See the instructions on "How To Remove The Mower Housing".
2. Use a piece of wood to keep the blade from rotating.

Remove the nut (3) that holds the blade (1).  
 Remove the blade (1) and the blade adapter  
 according to the instructions for "Inspect  
 Blade". Replace a badly worn or damaged  
 blade with an original equipment blade. See  
 "How To Replace The Blade" in your area.

Remove the top and bottom of the mower hous-  
 ing. Remove all the grass and debris.

Remove the blade (1) and blade adapter (5)  
 from the mandrel (6).

Adjust the left and right blade (1) so that the  
 top edges (7) are up. If the blade is up-  
 down, the blade will not cut correctly  
 and can cause an accident.

Reattach the blade (1) with the original  
 bolts (2,8) and nut (3). Make sure the  
 outer rim of the Belleville washer (2) is  
 against the blade (1).

**WARNING:** Always keep the nut (3)  
 tight that holds the blade (1). A  
 loose nut or blade can cause an  
 accident.

Remove the nut (3) that holds the blade (1) to  
 the mandrel (6) and torque to 45 foot pounds (62 Nm).

Reattach all the mower housing. See "How To Re-  
 assemble The Mower Housing".

### How To Adjust The Blade Rotation Control

**WARNING:** To prevent an injury, the  
 blade rotation control must operate  
 correctly.

For normal usage, the blade rotation control will  
 require an adjustment. However, if the cut-  
 ting performance decreases or the quality of cut  
 is poor, make the following changes.

When you mow, make sure the throttle con-  
 trol is in the FAST position.

**Figure 11** Move the blade rotation control to  
 the DISENGAGE position (1).

Stop the engine. Disconnect the wire from  
 the spark plug.

Inspect the blade(s). Keep a sharp edge on  
 the blade(s). A blade that is not sharp will  
 cause the tips of the grass to become brown.

**Figure 12** Disconnect the blade drive  
 spring (2) from the blade control rod (1).  
 Move the blade drive spring (2) to the  
 idler hole (4). This will increase the tension  
 on the mower drive belt.

Reattach the wire to the spark plug. Mow for a  
 short distance and again check the quality of  
 cut. If necessary, move the blade drive  
 spring (2) to the bottom hole (5)

Again check the quality of cut. If the quality of  
 cut has not improved, replace the mower  
 drive belt. See "How To Replace The Mower  
 Drive Belt". If the replacing the belt does not  
 correct the problem, take the unit to an auth-  
 orized service centre.

Move the blade rotation control to the DIS-  
 ENGAGE position. Stop the engine.

**Figure 15** Check the operation of the blade  
 rotation control. Rotate the pulleys with your hand.

Check that the brake pads (12) are pressed  
 against the pulleys

**WARNING:** If the brake pads (12) do  
 not press tightly against the  
 pulleys, take the unit to an author-  
 ized service centre.

10. (**Figure 11**) Move the blade rotation control  
 to the ENGAGE position (2).

11. (**Figure 15**) Check the pads for the blade  
 brake (12). If the pads are excessively worn  
 or damaged, replace the brake pad assem-  
 blies. Correct replacement parts and assist-  
 ance are available from an authorized  
 service centre.

12. Attach the wire to the spark plug. Mow for a  
 short distance and again check the operation  
 of the blade rotation control.

13. When you move the blade rotation control to  
 the DISENGAGE position, all movement will  
 stop within five seconds. If there is move-  
 ment of the belt or the blades continue to ro-  
 tate, engage and disengage the blade  
 rotation control five times to remove any ex-  
 cess rubber from a new mower drive belt. If  
 you need assistance, take the unit to an  
 authorized service centre.

14. (**Figure 12**) If you replace the mower drive  
 belt, move the blade drive spring (2) to the  
 top hole (3).

### How To Adjust The Shift Lever (**Figure 13**)

If the NEUTRAL position on the shift lever does  
 not match neutral on the gearbox, adjust the  
 shift lever as follows.

1. Stop the engine.
2. Disconnect the adjuster nut (2) from the  
 shifter bracket (3).
3. Make sure the shift lever is in the NEUTRAL  
 position.
4. Push the unit forward. Make sure the gear-  
 box is in neutral.
5. To align the adjuster nut (2) with the hole in  
 the shifter bracket (3), turn the adjuster nut  
 (2).
6. Connect the adjuster nut (2) to the shifter  
 bracket (3).
7. Make sure the NEUTRAL position on the  
 shift lever matches neutral on the gearbox.

### How To Check And Adjust The Clutch (**Figure 14**)

If the motion drive belt is loose, the clutch will  
 slip when; going up a hill, pulling a heavy load,  
 or the unit will not move forward. Adjust the  
 clutch as follows.

**WARNING:** Before you make an in-  
 spection, adjustment, or repair to  
 the unit, disconnect the wire to the  
 spark plug. Remove the wire from the  
 spark plug to prevent the engine from  
 starting by accident.

1. (**Figure 25**) Check the routing of the motion  
 drive belt. Make sure the belt is installed cor-  
 rectly and is inside all the belt guides.
2. (**Figure 14**) Disconnect the adjustable nut  
 (1) from the motion drive idler assembly  
 (2).
3. Pull the clutch rod (3) until tight. Turn the  
 adjustable nut (1) until the nut will fit through

the hole in the motion drive idler assembly  
 (2).

4. Remove the adjustable nut (1) from the  
 hole. To lengthen the clutch rod (3), rotate  
 the adjustable nut (1) 3 to 4 turns counter-  
 clockwise.
5. Assemble the adjustable nut (1) to the mo-  
 tion drive idler assembly (2).
6. If the belt still slips after the clutch has been  
 adjusted, then the motion drive belt is worn  
 or damaged and must be replaced. See  
 "How To Replace The Motion Drive Belt".

### How To Check And Adjust The Drive Brake (**Figure 17**)

Completely push the clutch/brake pedal forward.  
 Set the parking brake. Move the shift lever to the  
 neutral (N) position. Push the unit. If the rear  
 wheels rotate, adjust or replace the brake pads.  
 Adjust the drive brake (1) as follows.

1. The location of the drive brake (1) is on the  
 side of the gearbox (3).
2. Make sure the parking brake is set and the  
 shift lever is in neutral (N). Turn the hex nut  
 (2) in a clockwise direction until the rear  
 wheels do not turn when the unit is pushed  
 forward.
3. Release the parking brake and push the unit.  
 If the unit does not roll, turn the hex nut (2)  
 in a counter-clockwise direction until the unit  
 rolls.
4. Set the parking brake. Push the unit. If the  
 rear wheels do not turn, the drive brake (1)  
 is correctly adjusted. Release the parking  
 brake.

**WARNING:** If you cannot correctly  
 adjust the drive brake, replace the  
 brake pads. Correct replacement  
 parts and assistance are available from an  
 authorized service centre.

### How To Remove The Battery (**Figure 6**)

To charge or clean the battery (1), remove the  
 battery (1) from the unit as follows.

**WARNING:** To prevent sparks, dis-  
 connect the black battery cable (8)  
 from the negative (-) terminal be-  
 fore you disconnect the red cable (5).

**WARNING:** The battery contains  
 sulphuric acid which is harmful to  
 the skin, eyes and clothing. If the  
 acid gets on the body or clothing, wash  
 with water.

1. Remove the battery cover (3).
2. Remove the fasteners (9) from the battery  
 brackets (10,11).
3. Apply pressure to the left hand battery  
 bracket (10) and remove bracket from frame  
 (12) as shown.
4. Remove the right hand battery bracket  
 (11).
5. Disconnect the black cable (8) from the  
 negative (-) terminal.
6. Disconnect the red cable (5) from the posi-  
 tive (+) terminal (4).
7. Lift the battery (1) out of the unit.

**WARNING:** To prevent sparks, do not touch  
 battery brackets to terminals.

## 2. The Battery (Figure 6)

**WARNING:** When you charge the battery, do not smoke. Keep the battery away from any sparks. The fumes from the battery acid can cause an explosion.

When you charge the battery (1), remove the battery cover (1).

When you charge the battery (1), use a 12 volt battery charger. Charge at a rate of 6 amperes.

When you charge the battery (1).

**WARNING:** To prevent sparks, disconnect the red cable to the positive (+) terminal before you connect the black cable.

Connect the red cable (5) to the positive (+) terminal (4) with the fasteners as shown. Attach the terminal cover (2) over the positive terminal (4).

Connect the black cable (8) to the negative (-) terminal with the fasteners as shown.

## 3. Level The Mower Housing (Figure 9 and Figure 19)

If the mower housing is level, the blade will cut the lawn and it will look better.

**WARNING:** Before you make an inspection, adjustment, or repair to the unit, disconnect the wire to the spark plug wire to prevent the engine from starting by accident.

Place the unit on a hard flat surface. Check the air pressure in the tyres. If the air pressure is incorrect, the mower housing will not be level. The correct air pressure is: Front Tyres 0,97 BAR (14 PSI), Rear Tyres 0,69 BAR (10 PSI).

Remove the gauge wheels.

18) Move the lift lever (1) to the correct adjustment position (2).

19) The lifter lever (1) is correctly adjusted. Make sure the lift lever (1) is locked in the level adjustment position (2).

19) Loosen the left and right adjuster knobs (1). Push down on each side of the mower housing. Make sure both sides of the mower housing are setting on a flat surface. Also, make sure the lift links (2) are adjusted so they can easily move up or down.

20) Turn on the lift links (2) and tighten the left and right adjuster knobs (1). If necessary, use a wrench to tighten the adjuster knobs (1).

20) Raise the lift lever (1).

21) Attach the gauge wheels.

9. Mow for a short distance. If the height of cut is not level, repeat the above steps.

## Where To Lubricate (Figure 16)



Models with grease fittings:  
Lubricate with grease gun.  
Apply grease with a brush to the areas shown.  
Lubricate the areas shown with engine oil.

**NOTE:** Apply grease to the steering gear assembly.

**CAUTION:** If the unit is operated in dry areas that have sand, use a dry graphite spray to lubricate the unit.

## Check The Tyres

Check the air pressure in the tyres. Tyres with too much air pressure will cause the unit to ride rough. Also, the wrong air pressure will keep the mower housing from cutting level. The correct air pressure is: Front Tyres 0,97 BAR (14 PSI), Rear Tyres 0,69 BAR (10 PSI).

## How To Replace The Motion Drive Belt

1. Remove the mower housing. See the instructions on "How To Remove The Mower Housing".
2. (Figure 21) Remove the screws (1) that hold each side of the middle discharge chute (2). Remove the middle discharge chute (2).
3. (Figure 20) Disconnect the belt tension spring (1).
4. (Figure 25) Remove the three idler pulleys (2).
5. (Figure 20) Remove the adjuster nut (3) from the idler bracket (4).
6. (Figure 22) Remove the three screws (1) from the transaxle shield (2). Place the transaxle shield (2) in the tunnel (3). The bag full indicator (4) wire harness will limit the transaxle shield (2) movement.
7. (Figure 23) Loosen the belt guide (1) at the drive pulley (3).
8. Remove the motion drive belt (4) from the drive pulley (3).
9. (Figure 24) To remove the motion drive belt (1) from the stack pulley (2), pull the front end of the belt under the stack pulley (2) and then back between the stack pulley and the steering plate (3).
10. Remove the motion drive belt. A correct replacement part or assistance is available from an Authorized Service Centre in your area.
11. To install the motion drive belt, reverse the above steps.

12. (Figure 25) Check the routing of the motion drive belt (1). Make sure the motion drive belt is installed correctly on the idler pulleys.

## How To Replace The Mower Drive Belts (Figure 15)

1. Remove the mower housing. See the instructions on "How To Remove The Mower Housing".
2. Loosen and pull the belt retainer (1) away from the double idler pulley (2). Remove the primary mower drive belt (3) from the double idler pulley (2).
3. Pull the belt retainers (4) away from the single idler pulley (5). Remove the primary mower drive belt (3) from the single idler pulley (5).
4. To release tension on the secondary belt, remove the spring (8) from the double idler mount (9).
5. Remove the secondary mower drive belt (10) from the double idler pulley (2) and from the right mandrel pulley (11).
6. A correct replacement part or assistance is available from an Authorized Service Centre in your area.
7. To install the mower drive belt, reverse the above steps.

## How To Remove The Mower Housing (Figure 36)

1. Move the blade rotation control (1) to the DISENGAGE position.
2. Move the lift lever (2) to the level adjustment position.
3. Remove the hair pins and the washers from the adjuster arms (3). See illustrations "C" and "D".
4. Remove the hair pins and washers from the suspension links (4). See illustrations "A" and "B".
5. Disconnect the extension spring (5) from the blade control rod (6). See illustration "E".
6. Disconnect the front hanger (9) from the axle support. See illustration "F".  
**NOTE:** The hanger rod (11) is made with a bend.
7. Remove the mower drive belt (7) from the stack pulley (8). See illustration "G".
8. Disconnect the middle discharge chute (10) from the mower housing. See illustration "H".
9. Pull the mower housing away from the right side of the unit.
10. To install the mower housing, reverse the above steps.
11. Check belt routing of the primary mower drive belt (1) and the secondary mower drive belt (2). See illustration "J".



**How To Replace The Fuse (Figure 34)**

If the fuse is blown, the engine will not start. Remove the fuse and replace with a 15 amp. automotive fuse. To easily access the fuse (2), remove the access panel (1) on the console as shown.

**Storage (over 30 days)**

At the end of each year, prepare the unit for storage as follows.

Drain the fuel from the carburettor and the fuel tank. Change the engine oil. See the engine manufacturer's instructions.

Clean the entire unit.

Charge the battery.

To remove Grass Bagger for storage.

(Figure 33) Place grass bagger in the DUMP position.

- b. (Figure 35) Hold rear handle (1) and lift the release handle (2).
- c. Slowly lower bagger to ground.
- d. Lift grass bagger away from the tractor.



**WARNING: Never store the grass bagger with grass clippings in the bags. Even a small amount of grass or debris can generate enough heat to start a fire.**



**WARNING: Do not operate unless the entire grass bagger attachment is in place.**

**How To Order Replacement Parts**

Use only manufacturer's authorized or approved replacement parts. The letter placed on the end of the part number denotes the type of finish for the part, C for chrome, Z for zinc, a PA for purchased assembly. It is important that you include

this when ordering a part. Do not use attachments or accessories not specifically recommended for this unit. In order to obtain proper replacement parts you must supply the model number of your mower (see nameplate).

Replacement parts, except for the engine, are available from your local Hayter authorised dealer.

Replacement parts for the engine, are available from the manufacturer's authorized service centre found in the commercial pages of the telephone directory. Also, see the individual engine or transmission warranties to order replacement parts.

When ordering the following information is required:

- (1) The Model Number
- (2) Serial Number
- (3) Part Number
- (4) Quantity

**INDEXABLE SHOOTING CHART**

**PROBLEM: The engine will not start.**

- Follow the steps, "How To Start The Engine" in this book.
- Electric-Start Models: Clean the battery terminals. Tighten the cables.
- Check for a loose wire. Tighten the limit switches. (See the wiring diagram.)
- Drain the fuel tank. Clean the fuel line. Replace the fuel filter.
- Remove the spark plug(s). Move the throttle to the SLOW position. Turn the ignition key to the ON position. Try to start the engine several times. Install the spark plug.
- Replace the spark plug.
- Adjust the carburettor.

**PROBLEM: The engine will not turn over**

- Follow the steps, "How To Start The Engine" in this book.
- Electric-Start Models: Check the level of the acid in the battery. If needed, add water. Charge the battery.
- Replace the fuse.
- Check the wiring harness for damage or a loose connection. Repair the damaged wire.
- Electric-Start Models: replace the solenoid.
- Recoil-Start Models: replace the module.

**PROBLEM: The engine is difficult to start.**

- Adjust the carburettor.
- Replace the spark plug.
- Replace the fuel filter.

**PROBLEM: The engine does not run smoothly or has a loss of power.**

- Check the oil.
- Clean the air filter.
- Clean the air screen.
- Replace the spark plug.
- The engine is working too hard. Use a slower speed.
- Adjust the carburettor.
- Replace the fuel filter.

**PROBLEM: The engine does not run smoothly at fast speed.**

- Replace the spark plug.

- 2. Adjust the throttle control.
- 3. Clean the air filter.
- 4. Replace the fuel filter.

**PROBLEM: The engine stops when the blades are engaged.**

- 1. To activate the seat sensor, always sit in the middle of the seat.
- 2. Check the wiring harness for damage or a loose connection. Repair the damaged wire.
- 3. Grass Bagger not closed properly. (only applies to rear grass baggers.)

**PROBLEM: On slopes, the engine stops.**

- 1. Mow up and down slopes. Never mow across a slope.
- 2. To activate the seat sensor, always sit in the middle of the seat.

**PROBLEM: The engine will not idle.**

- 1. Replace the spark plug.
- 2. Clean the air filter.
- 3. Adjust the carburettor.
- 4. Adjust the throttle control.
- 5. Drain the fuel tank. Clean the fuel line. Replace the fuel filter.

**PROBLEM: A hot engine causes a decrease in power.**

- 1. Clean the air screen.
- 2. Check the oil.
- 3. Adjust the carburettor.
- 4. Replace the fuel filter.

**PROBLEM: Excessive vibration.**

- 1. Replace the blade.
- 2. Check for loose engine bolts.
- 3. Decrease the air pressure in the tyres.
- 4. Adjust the carburettor.
- 5. Check for a damaged belt or damaged pulley. Replace the damaged parts.

**PROBLEM: The grass does not discharge correctly.**

- 1. Stop the engine. Clean the mower housing.
- 2. Raise the height of cut.
- 3. Replace or sharpen the blade(s).
- 4. Move the shift lever to a slower speed.

- 5. Move the throttle control to the FAST position.
- 6. Replace the spring for the blade idler.

**PROBLEM: The mower housing does not cut level.**

- 1. Check the air pressure in the tyres.
- 2. Adjust the level of the mower housing.
- 3. Check the front axle. If the front axle does not freely pivot, loosen the axle bolt(s).

**PROBLEM: The mower blades will not rotate.**

- 1. Check the mower drive belt. Make sure the belt is installed correctly.
- 2. Replace the mower drive belt.

**PROBLEM: The unit will not move when the clutch is engaged.**

- 1. Check the motion drive belt. Make sure the belt is installed correctly.
- 2. Adjust the clutch.
- 3. Replace the motion drive belt.

**PROBLEM: The unit moves slower or stops when the clutch is engaged.**

- 1. Adjust the clutch.
- 2. Replace the motion drive belt.

**PROBLEM: When the clutch/brake pedal is released, belt noise can be heard.**

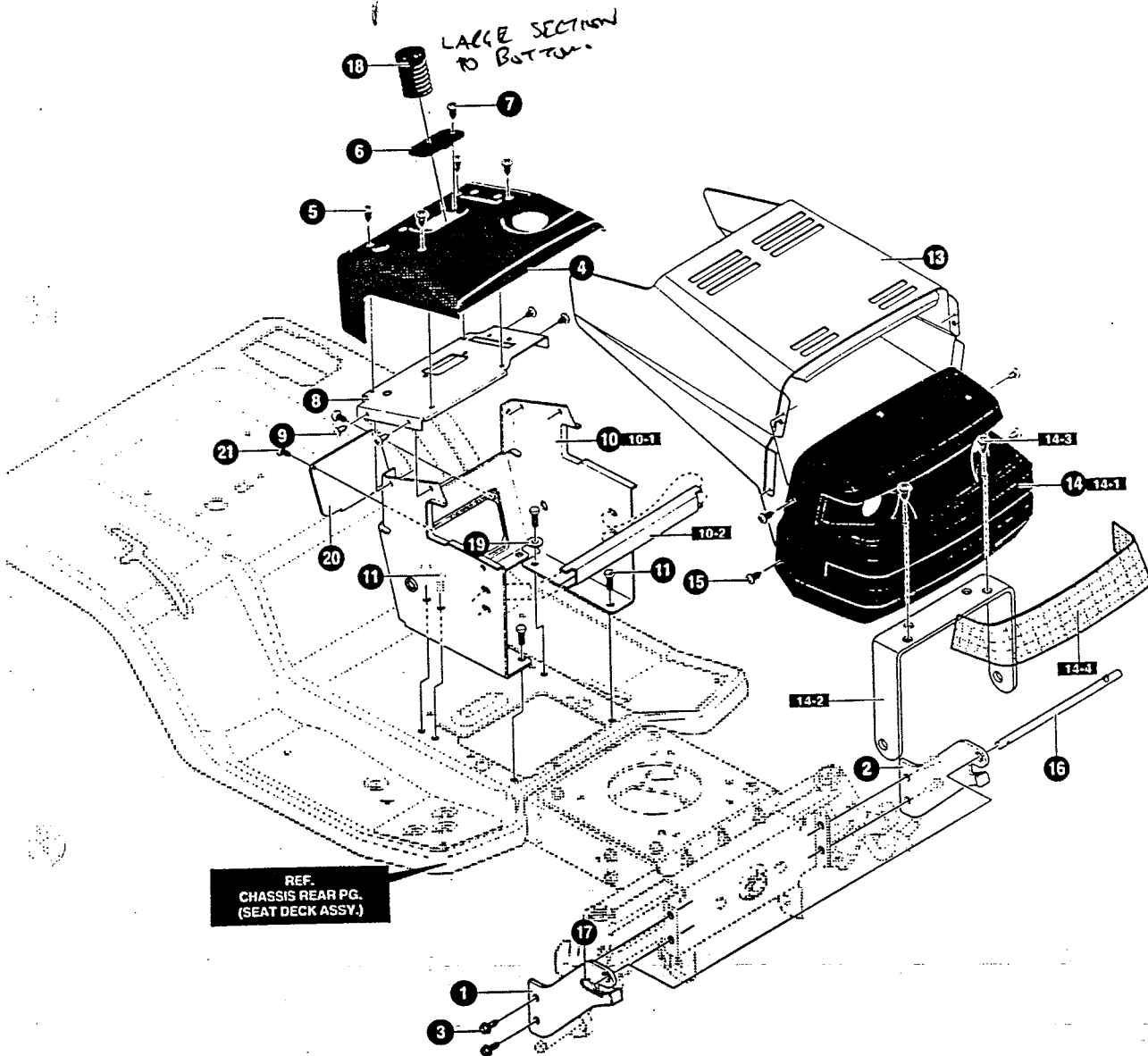
- 1. Temporary belt noise does not change the operation of the unit. If belt noise is continuous, check the routing of the belt. Make sure the belt is inside all belt guides.
- 2. If the noise is continuous, adjust the clutch.

**PROBLEM: The rear wheels spin over uneven terrain.**

- 1. Check the front axle. If the front axle does not freely pivot, loosen the axle bolt(s).

**PROBLEM: The transaxle is difficult to shift between gears with the engine running and the clutch depressed.**

- 1. Check the clutch adjustment to make sure the belt stops when the clutch pedal is depressed with the transaxle in (N) neutral.
- 2. Check the belt guides around the transaxle drive pulley. Make sure the belt guides do not touch the pulley.



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ALL UNNUMBERED ITEMS ARE INTERCHANGEABLE WITH OPPOSITE SIDE

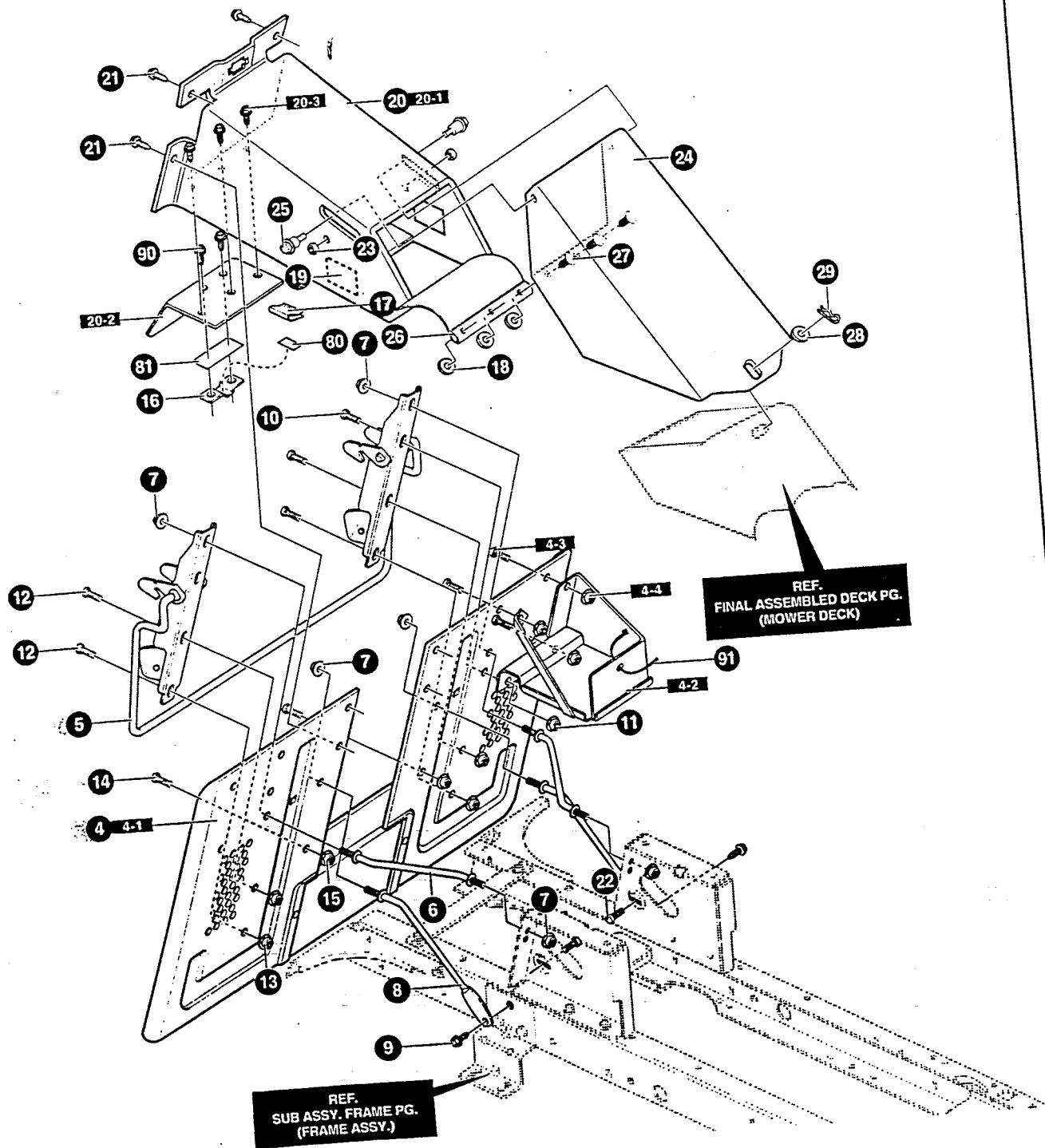
343739A

# FRONT CHASSIS ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
1	94212-853	BRACKET, SUPPORT GRILLE RH	1
2	94213-853	BRACKET, SUPPORT GRILLE LH	1
3	711606	SCREW, 5/16-18X.75	4
4	94842	DASH	1
5	711629	SCREW, 10-24X.500	4
6	94214	BEARING FOR DASH	1
7	710197	SCREW, 1/4-14X.50 PANCR	2
8	94211-810	PLATE-DASH PANEL	1
9	711629	SCREW, 10-24X.500TRSEGI	6
10	690104-810	ASM. LOWER CONSOLE SUPPORT	1
10-1	95323	SUPPORT, DASH	1
10-2	94215	SUPPORT, CHANNEL	1
11	711606	SCREW, 5/16-18X.75HHWATAP	4
13	94972-810	HOOD	1
14	92350	GRILLE ASSEMBLY	1
14-1	92343	GRILLE	1
14-2	92448	BRACE, GRILLE ASSY.	1
14-3	710282	SCREW, 1/4-14X.75PHPANTAP	2
14-4	92344	LENS, GRILLE	1
15	711679	SCREW, .230X.135PPANTAP	4
16	690093	ROD, HOOD PIVOT	1
17	711676	HAIR PIN	1
18	94313	BELLOWS	1
19	712063	WASHER, .39IDX2.25ODX.12 BELVILLE	1
20	95366-810	ACCESS PANEL W/BUZZER HOLE	1
21	710196	SCREW, 10-24X.500TRSEGI	2
	712141	OWNER'S MANUAL(NOT SHOWN)	

# REPAIR PARTS

144R



NOTE: ALWAYS USE ORIGINAL EQUIPMENT PARTS.  
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equipment parts may void your warranty.

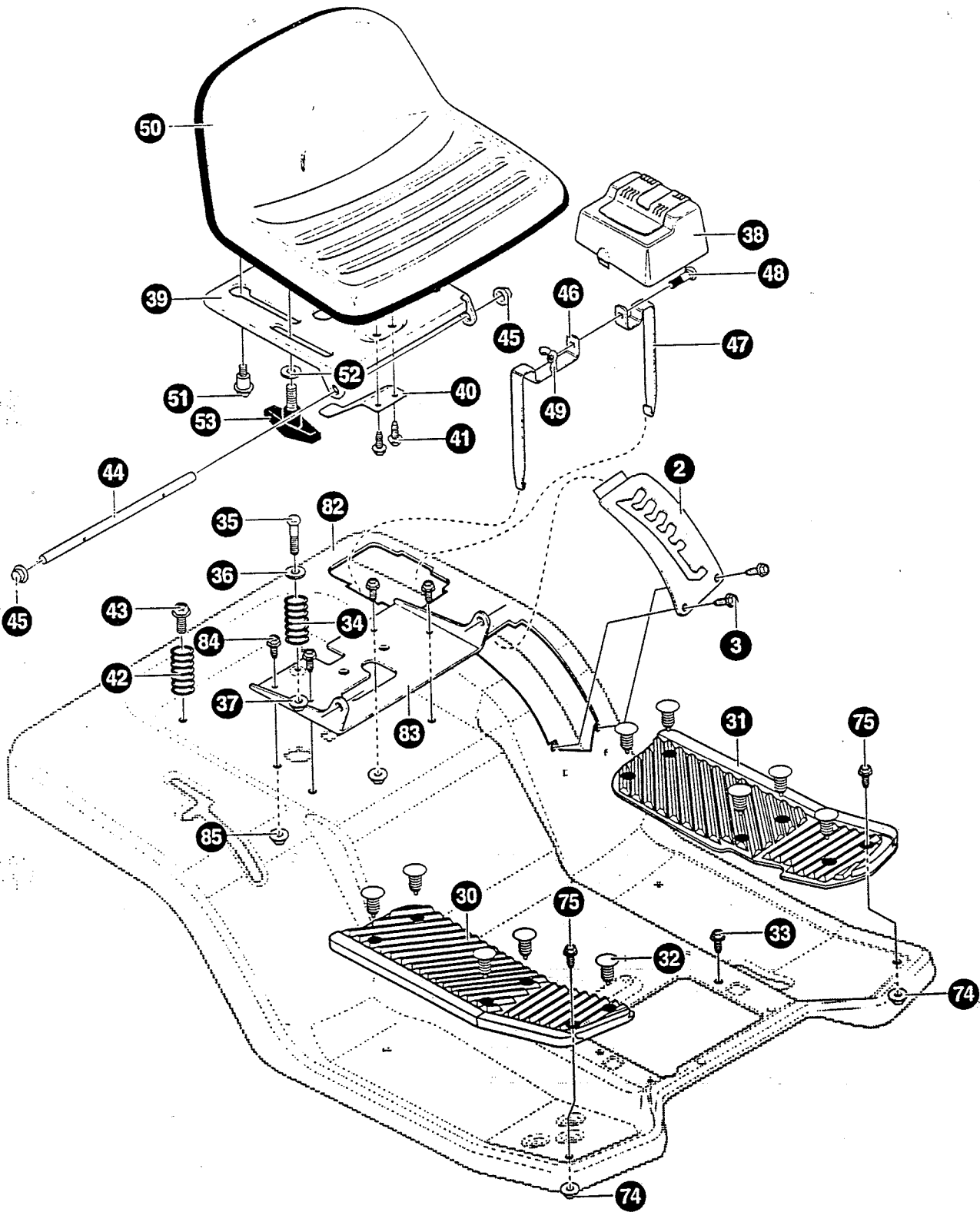
ALL UNNUMBERED  
ITEMS ARE INTERCHANGEABLE  
WITH OPPOSITE SIDE

343664A

## REAR CHASSIS ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
4	343678-853	ASSY, BACK PLATE/BATTERY	1
4-1	95162	ASM. BACKPLATE FLAT	1
4-2	94563	BATTERY TRAY ASM.	1
4-3	180073	SCREW, 5/16-18X.50 HHC	3
4-4	45174	NUT, 5/16-18 HEXWDFLLK WHIZ	3
5	95359-853	WELDMENT-LATCH LEVER	1
6	690097	ROD, BRACE	2
7	711906	NUT, 3/8-16 HWDFL WHIZ-LOCK	6
8	94231	ROD, BRACE	2
9	711606	SCREW, 5/16-18X.75 HHWATAP	2
10	313780	SCREW, 5/16-18X.50 HHC	1
11	710026	NUT, 5/16-18 HEXWDFLLK WHIZ	1
12	711907	SCREW 5/16-18X.75 HXWDFL	4
13	710026	NUT, 5/16-18 HEXWDFLLK WHIZ	4
14	711606	SCREW 5/16-18X.75 HHWATAP	2
15	710026	NUT, 5/16-18 HEXWDFLLK WHIZ	2
16	95390	BRACKET, FLEX SWITCH MOUNTING	1
17	55939	WIRE CLIP, ADHESIVE	1
18	303041	WASHER, FLAT .203X.56X.040	3
19	318197	PAD, ADHESIVE 1.00X1.50X.12	2
20	690102-853	ASM., T/A SHIELD & UPPER CHUTE	1
20-1	94350	CHUTE WELD ASM. UPPER	1
20-2	95367	SHIELD, TRANSAXLE	1
20-3	711642	SCREW, 1/4-20X.63 HHWATAP	4
21	711606	SCREW, 5/16-18X.75 HHC	4
22	711688	BOLT, 5/16-18X.75 CARR	2
23	710026	NUT, 5/16-18 HEXWDFLLK WHIZ	2
24	94296-853	MIDDLE CHUTE ASSY	1
25	711908	BOLT, .500X.453 3/8-16	2
26	94264	FLAP, CHUTE	1
27	309235	FASTENER, RATCHET	3
28	711616	FLATWASHER .550X1.00X11	1
29	711682	PIN, HAIR .38DIAX1.64LG	1
80	712009	TAPE, DOUBLE SIDED FOAM 3/4" WD	0.560
81	712009	TAPE, DOUBLE SIDED FOAM 3/4" WD	3
90	711642	SCREW, 1/4-20X.63 HHWATAP	2
91	57444	CABLE TIE	1

144R



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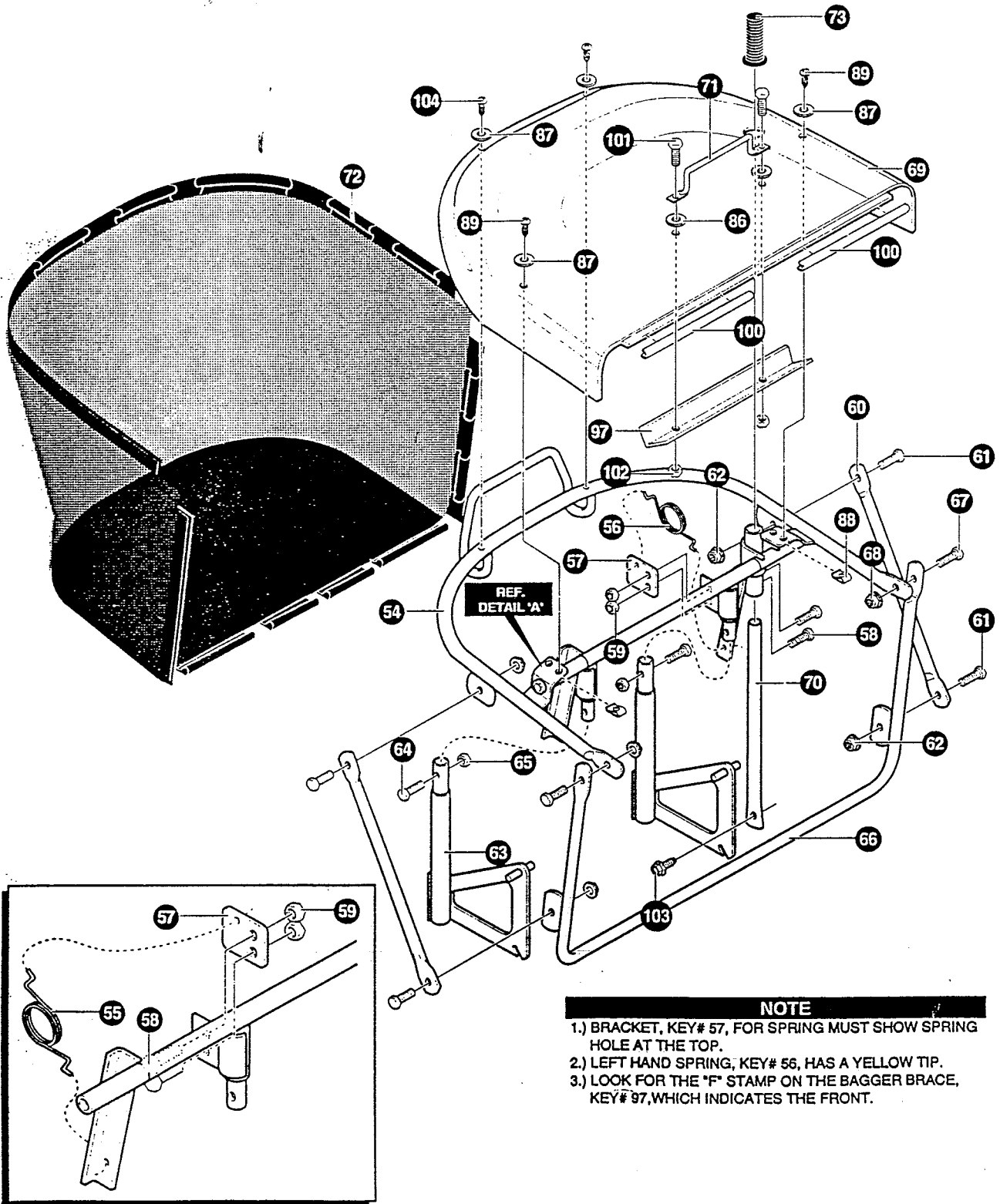
ALL UNNUMBERED  
 ITEMS ARE INTERCHANGEABLE  
 WITH OPPOSITE SIDE

343664A

## REAR CHASSIS ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
2	95190-853	PLATE, LIFT DETENT	1
3	711741	SCREW, #12X.50 PHPNHTAP	2
30	95409	FOOT PAD RH	1
31	95408	FOOT PAD LH	1
32	309235	RATCHET FASTENER	10
33	711606	SCREW, 5/16-18X.75HHWATAP	3
34	710136	SPRING, COMPRESSION 4.57LGX1.17	1
35	711610	BOLT, SHOULDER 1/4-20	1
36	95293	ZINC WASHER CUP	1
37	711643	NUT, 1/4-20 WDFLLK	1
38	94200	COVER, BATTERY	1
39	94154-810	SUPPORT, SEAT	1
40	94057	SPRING-LEAF	1
41	711592	SCREW, 1/4-20X.50 WAHHTAP	2
42	710109	SPRING, COMPRESSION 2.43LG 164X30	2
43	711606	SCREW, 5/16-18X.75 HHWATAP	2
44	95294	ZINC HINGE SEAT PIVOT	1
45	711627	NUT, PUSH CAP .375	2
46	95393-853	BATTERY, BRACKET L.H.	1
47	95394-853	BATTERY BRACKET R.H.	1
48	711680	BOLT, 1/4-20X.63 CARR.	1
49	711636	NUT, WING 1/4-20 14X79	1
50	95415	SEAT	1
51	711740	BOLT, SHOULDER 5/16-18	2
52	711644	WASHER, FLAT .344X.62X.06	2
53	711747	BOLT, WING 5/16-18X.50	2
74	710026	NUT, 5/16-18 HEXWDFLLK WHIZ	2
75	711891	BOLT, 5/16-18X.7A5 CARR.	2
82	341496-810	ASM., SEAT DECK PEDAL GEAR	1
83	94153-810	BRACKET, PIVOT SEAT	1
84	711606	SCREW, 5/16-18X.75.HHWATAP	2
85	711634	NUT, 5/16-18 WDFLLK	2





DETAIL 'A'

NOTE: ALWAYS USE ORIGINAL EQUIPMENT PARTS.  
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- NOTE**
- 1.) BRACKET, KEY# 57, FOR SPRING MUST SHOW SPRING HOLE AT THE TOP.
  - 2.) LEFT HAND SPRING, KEY# 56, HAS A YELLOW TIP.
  - 3.) LOOK FOR THE 'F' STAMP ON THE BAGGER BRACE, KEY# 97, WHICH INDICATES THE FRONT.

ALL UNNUMBERED  
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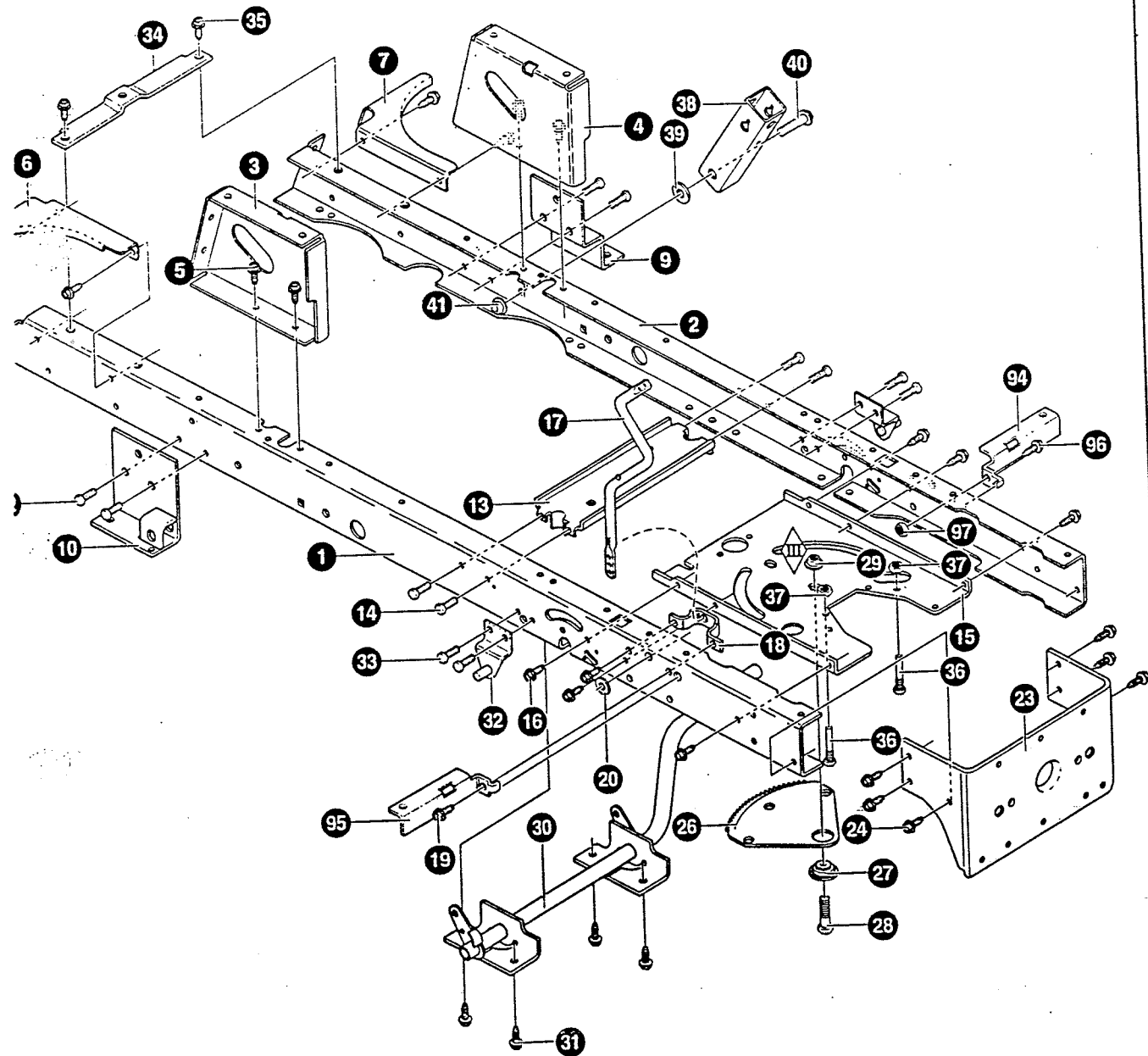
343664A

## REAR CHASSIS ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
54	690044-853	ASM. WELD UPPER FRAME	1
55	690003	SPRING, TORSION RH	1
56	690004	SPRING, TORSION LH	1
57	95339-853	BRACKET, SPRING COLLECTOR	2
58	180016	SCREW, 1/4-20X.50 HHC	4
59	782585	NUT, 1/4-20 REGHEXCTRLK	4
60	94850-853	BRACE, FRAME COLLECTOR	2
61	711909	SCREW, 1/4-20X.62 HHC	4
62	711632	NUT, 1/4-20 HEXNYL	4
63	95343-853	WELD ASM., SUPPORT COLLECTOR	2
64	180034	SCREW, 1/4-20X1.50	2
65	782585	NUT, 1/4-20 REGHEXCTRLK	2
66	95349-853	WELD ASM., FRONT FRAME COLLECT.	1
67	711909	SCREW, 1/4-20X.62 HHC	2
68	711632	NUT, 1/4-20 HEXNYL	2
69	94908-810	TOP COLLECTOR ASM.	2
70	94853	HANDLE, DUMP COLLECTOR	1
71	94855-853	HANDLE, REBA COLLECTOR	1
72	95389	REBA COLLECTOR BAG	1
73	94854	RUBBER GRIP	1
86	712129	WASHER, .281X1.25X.06	2
87	712130	WASHER, .328X1.06X.062	2
88	578107	NUT, 1/4-20 TINN U	2
89	711674	SCREW, 1/4-20X.63 PHPNHD	2
97	690010-853	BRACE, BAGGER	1
100	55023	TRIM 77.5 INCHES	22 IN.
101	712068	SCREW 1/4-20X1.50 PHPNHD	2
102	711632	NUT, 1/4-20 HEXNYL	2
103	710266	SCREW, 10-24X.38 SLHWATAP	1
104	711741	SCREW, #12X.50 PHPNHTAP	2

# REPAIR PARTS

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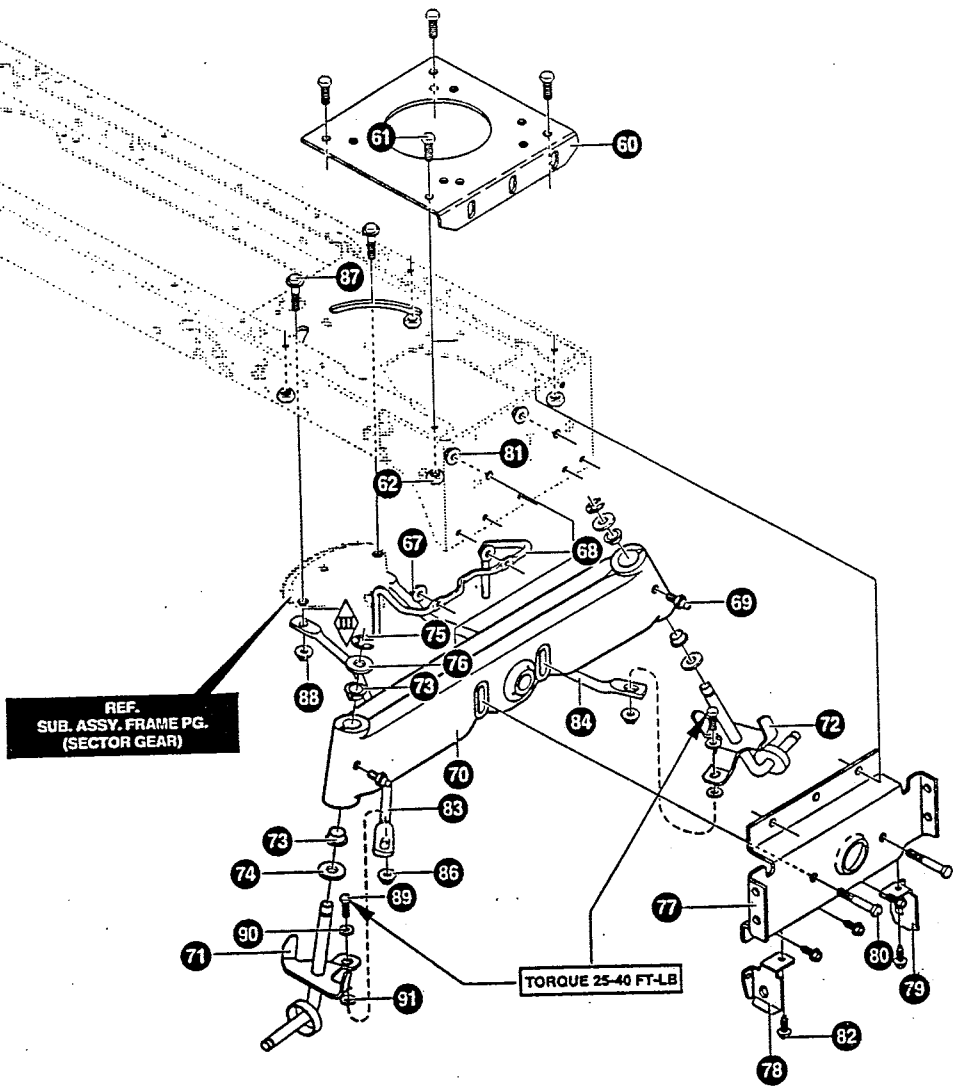
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343736A

# FRAME ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
1	94564	FRAME, RAIL RH	1
2	94565	FRAME, RAIL LH	1
3	94634	SUPPORT, SEAT RH	1
4	94633	SUPPORT, SEAT LH	1
5	710079	SCREW 5/16-18X.75 HHWATAP	4
6	94561	BRACE, BACKPLATE RH	1
7	94562	BRACE, BACKPLATE LH	1
8	710079	SCREW, 5/16-18X.75 HHWATAP	4
9	94235	BRACKET, TRANSAXLE RH	1
10	95396	SHIFT BRACE LEVER	1
12	710079	SCREW, 5/16-18X.75 HHWATAP	4
13	94237	ASM. IDLER MOUNT, FRONT	1
14	710079	SCREW, 5/16-18X.75 HHWATAP	4
15	94003	PLATE, STERRING MOUNTING	1
16	710079	SCREW, 5/16-18X.75 HHWATAP	6
17	94019	CRANK, PTO	1
18	94005	BRACKET, BELL CRANK	1
19	710079	SCREW, 5/16-18X.75 HHWATAP	2
20	120395	WASHER, FLAT .469X.92X.065	1
23	94013	BRACKET, HANGER REAR	1
24	710079	SCREW, 5/16-18X.75 HHWATAP	6
26	94121	GEAR, SECTOR	1
27	94123	BEARING, SECTOR GEAR	1
28	710312	SCREW, 5/16-18X1.00	1
29	710105	NUT, 5/16-18 HEXKEPS 15X113	1
30	94241	ASM. CLUTCH/BRAKE PEDAL	1
31	710079	SCREW, 5/16-18X.75 HHWATAP	4
32	94285	BRACKET, SUSPENSION	1
33	710079	SCREW, 5/16-18X.75 HHWATAP	4
34	94566	BRACE, RAIL	1
35	710079	SCREW, 5/16-18X.75 HHWATAP	2
36	93349	ZINC SCREW GUIDE 5/16-18	2
37	710204	NUT, 5/16-18 HEXWDFLLK WHIZ	2
38	94015	PIVOT BRACKET	1
39	845	WASHER, FLAT .390X1.25X.119	1
40	710000	BOLT, .562X1.563 HSH 3/8-16	1
41	710140	NUT, 3/8-16 HWD FLLK MACK 15X84	1
94	690036	BRACKET, SEAT DECK LH	1
95	690035	BRACKET, SEAT DECK RH	1
96	710079	SCREW, 5/16-18X.75 HHWATAP	1
97	710204	NUT, 5/16-18 HEXWDFLLK WHIZ	1



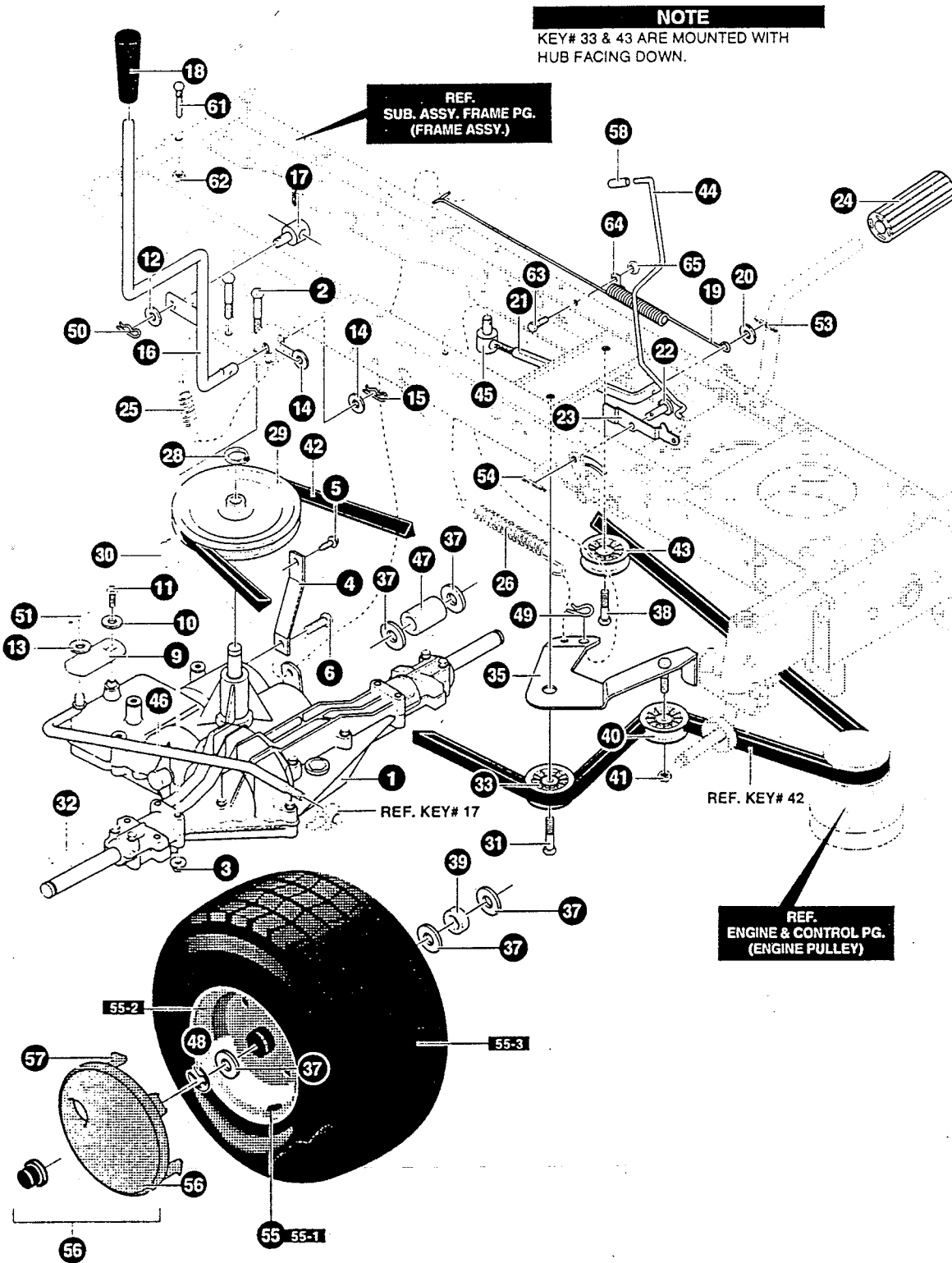
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343736A

# FRAME ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
60	94006	PLATE, ENGINE	1
61	710079	SCREW, 5/16-18X.75 HHWATAP	4
62	710205	NUT, 5/16-18 HEXWDFLLK WHIZ	4
67	45174	NUT, 5/16-18 HEXWDFLLK WHIZ	2
68	94310	GUIDE STACK PULLEY BELT	1
69	706	ZERK, GREASE FITTING	2
70	95405	AXLE, CAST MACHINED	1
71	95182	SPINDLE, LONG RH	1
72	95183	SPINDLE, LONG LH	1
73	92527	BEARING, SPINDLE	4
74	710129	WASHER	2
75	710103	E-RING	2
76	710088	WASHER, FLAT	2
77	94007	HANGER, AXLE	1
78	94290	HANGER, DECK RH	1
79	94289	HANGER, DECK LH	1
80	180113	SCREW, 5/16-18X3.00	2
81	710205	NUT, 5/16-18	2
82	710079	SCREW, 5/16-18X.75	5
83	95328	DRAGLINK RH	1
84	95329	DRAGLINK LH	1
86	710140	NUT, 3/8-16 HWDFLLK MACK 15X84	2
87	710440	BOLT, SHOULDER 9X57	2
88	710140	NUT, 3/8-16 HWDFLLK MACK 15X84	2
89	710082	SCREW, 3/8-16X1.5	2
90	710083	WASHER, FLAT .391X1.00X.083	2
91	710142	WASHER, FLAT	2



**NOTE**  
KEY# 33 & 43 ARE MOUNTED WITH  
HUB FACING DOWN.

REF.  
SUB. ASSY. FRAME PG.  
(FRAME ASSY.)

REF.  
ENGINE & CONTROL PG.  
(ENGINE PULLEY)

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343662A

# MOTION DRIVE ASSEMBLY

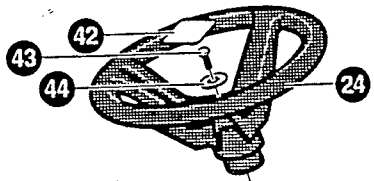
KEY NO.	PART NO.	DESCRIPTION	QTY
1	.	TRANSAXLE MST206-512A	1
2	711669	SCREW, 5/16-18X2.50	4
3	711634	NUT, 5/16-18 WDFLLK	4
4	94620-853	BRACKET, STABILIZER	1
5	711606	SCREW, 5/16-18X.75 HHWATAP	1
6	710268	SCREW, 5/16-18X.75 WAHHTAP	2
9	94227	BRACKET, SHIFT	1
10	711895	WASHER, .750X.250 TRANSAXLE	1
11	710345	SCREW, 1/4-28X.75	1
12	583409	WASHER, FLAT .391X1.00X.125	1
13	71072	WASHER, FLAT .406X .81X.066	1
14	711894	WASHER, FLAT .515X .88X.064	2
15	711899	PIN, HAIR .53DIA X1.62LG	1
16	690087	SHIFT LEVER	1
17	711591	NUT, ADJ. 3/8-16	1
18	94497	GRIP, LIFT 1/2"	1
19	95424	SPRING, BRAKE	1
20	711921	WASHER, FLAT.328X1.06X.062	1
21	690016	ROD, CLUTCH	1
22	711903	PIN, CLEVIS	1
23	95290	LATCH, PARK BRAKE	1
24	21544	PEDAL, BRAKE/CLUTCH	1
25	782223	SPRING	1
26	711522	SPRING, TENSION	1
28	22053	RING, RETEX	1
29	690026	PULLEY, 9.0 OD V4L	1
30	50795	KEY, HI-PRO 606	1
31	711905	SCREW, 3/8-16X1.25	1
32	52928	KEY, SQUARE	2
33	95531	PULLEY, IDLER	1
35	94238-853	ASSY, IDLER ARM TRACTION	1
37	711904	WASHER, FLAT .755ID	6
38	711905	SCREW, 3/8-16X1.25	1
39	95418	SPACER, WHEEL	1
40	91179	PULLEY, IDLER 2.75 DIA	1
41	711920	NUT, 3/8-16 HWDFLLK	1
42	94608	BELT, V 4L 114.12	1
43	95531	PULLEY, IDLER V4L3.00X.710	1
44	690047	PARK BRAKE CONTROL ROD	1
45	711898	NUT, 5/16-18X3/8 ADJUSTING	1
46	690027	ROD, SHIFT LINK	1
47	95419	SPACER, .87 X 2.25	1
48	710103	E-RING .574ID X.050/.75	2
49	711899	PIN, HAIR .53DIA X1.62LG	1
50	711682	PIN, HAIR.38 DIA X1.64LG	1
51	711897	PIN, COTTER .090 DIA X .75	1
53	711897	PIN, COTTER .090 DIA X .75	1
54	711897	PIN, COTTER .090 DIA X .75	1
55	<del>692290</del>	TIRE & RIM - NOW MU92290-601	2
55-1	338512	VALVE STEM	1
55-2	<del>338524</del>	RIM, CARL - NOW MU407931	1
55-3	<del>338526</del>	TIRE, 20X8X8 - NOW MU92374	1
56	94618	HUBCAP, AXLE SHAFT	2
56	-	NOT USED ON THIS UNIT	
57	-	NOT USED ON THIS UNIT	
58	335980	CAP, DUMP VALVE ROD	1
61	712067	SCREW GUIDE	1
62	711633	NUT, 5/16-18 HEXWDFLLK WHIZ	1
63	180016	SCREW, 1/4-20X .50	1
64	711742	RETAINER, WIRE	1
65	780285	NUT, 1/4-20 WDFL WHIZ-LK	1

MANUAL  
REVS.

RECUMSEW (ALT)  
794675

\* CONTACT YOUR NEAREST TRANSAXLE DEALER FOR PARTS AND SERVICE.





26

TORQUE 13-15 FT-LB

28

27

REF. SUB. ASSY. FRAME PG. (FRAME)

**NOTE**

GREASE APPLIED TO TEETH ON GEAR

29

30

9

**NOTE**

KEY# 32 & 33 ARE OPTIONAL, DEPENDS ON UNIT

**NOTE**

GREASE APPLIED TO SPINDLE SHAFT

31-2

31-3

34

31

31-4

31-3

31-1

35

33

32

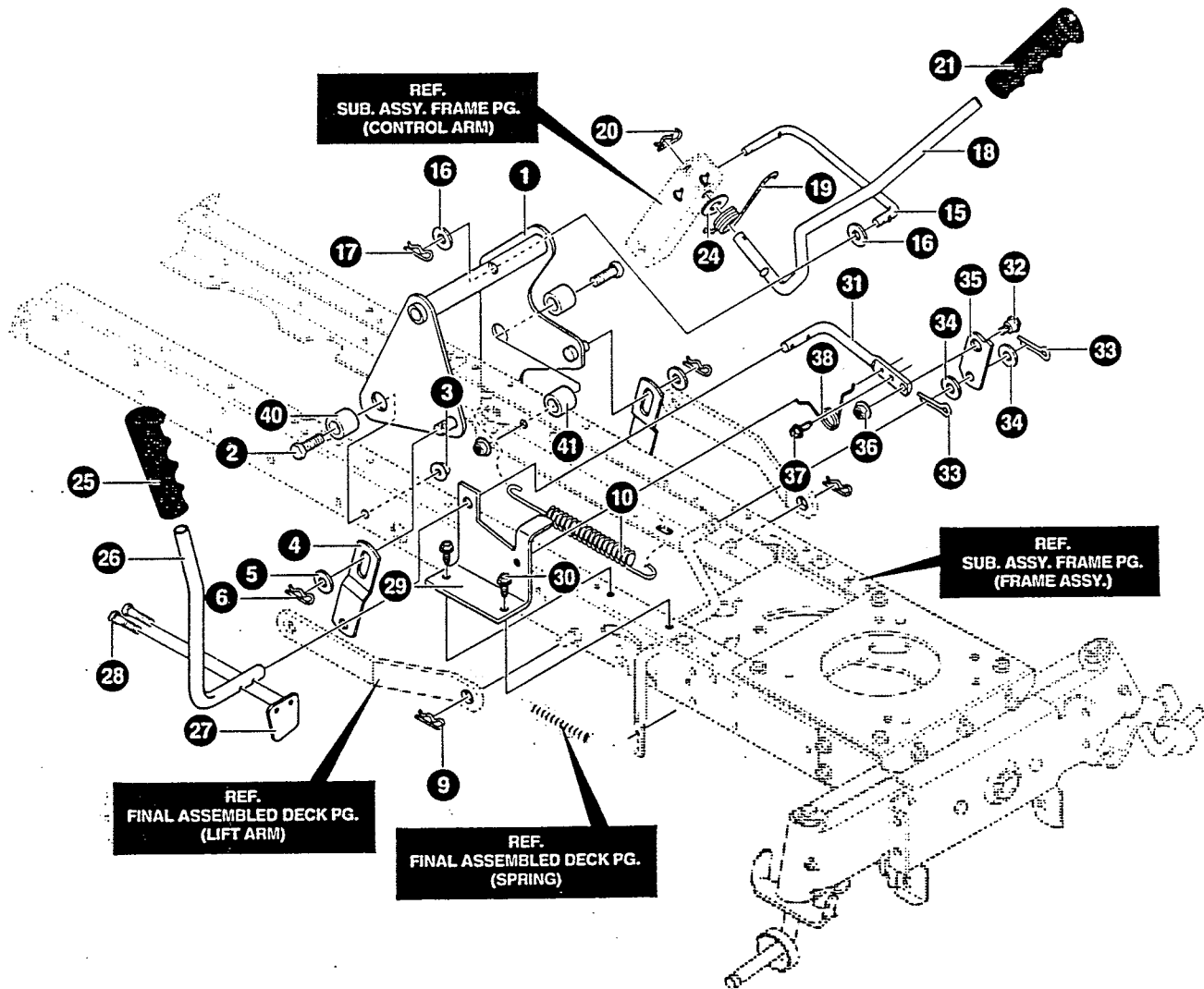
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343653A

# STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
9	94618	DUST HUB CAP	2
24	95185	STEERING WHEEL	1
26	94520	SHAFT, STEERING	1
27	94124	BEARING-LOWER	1
28	711606	SCREW, 5/16-18X.75	2
29	94122	GEAR PINNION	1
30	710102	RING, RET E.	1
31	692287	TIRE&RIM, PU 15X6.0-6	2
31-1	338512	VALVE STEM	1
31-2	338517	RIM	1
31-3	338513	BEARING	1
31-4	338516	TIRE, 15X6X6	1
32	94618	HUBCAP, AXLE SHAFT	2
32	-	NOT USED ON THIS UNIT	
33	-	NOT USED ON THIS UNIT	
34	711647	WASHER, FLAT	2
35	710103	E-RING	2
42	711326	INSERT, 4 SPOKE	1
43	711719	SCREW, 1/4-20X.75 HHC	1
44	711663	WASHER, FLAT	1



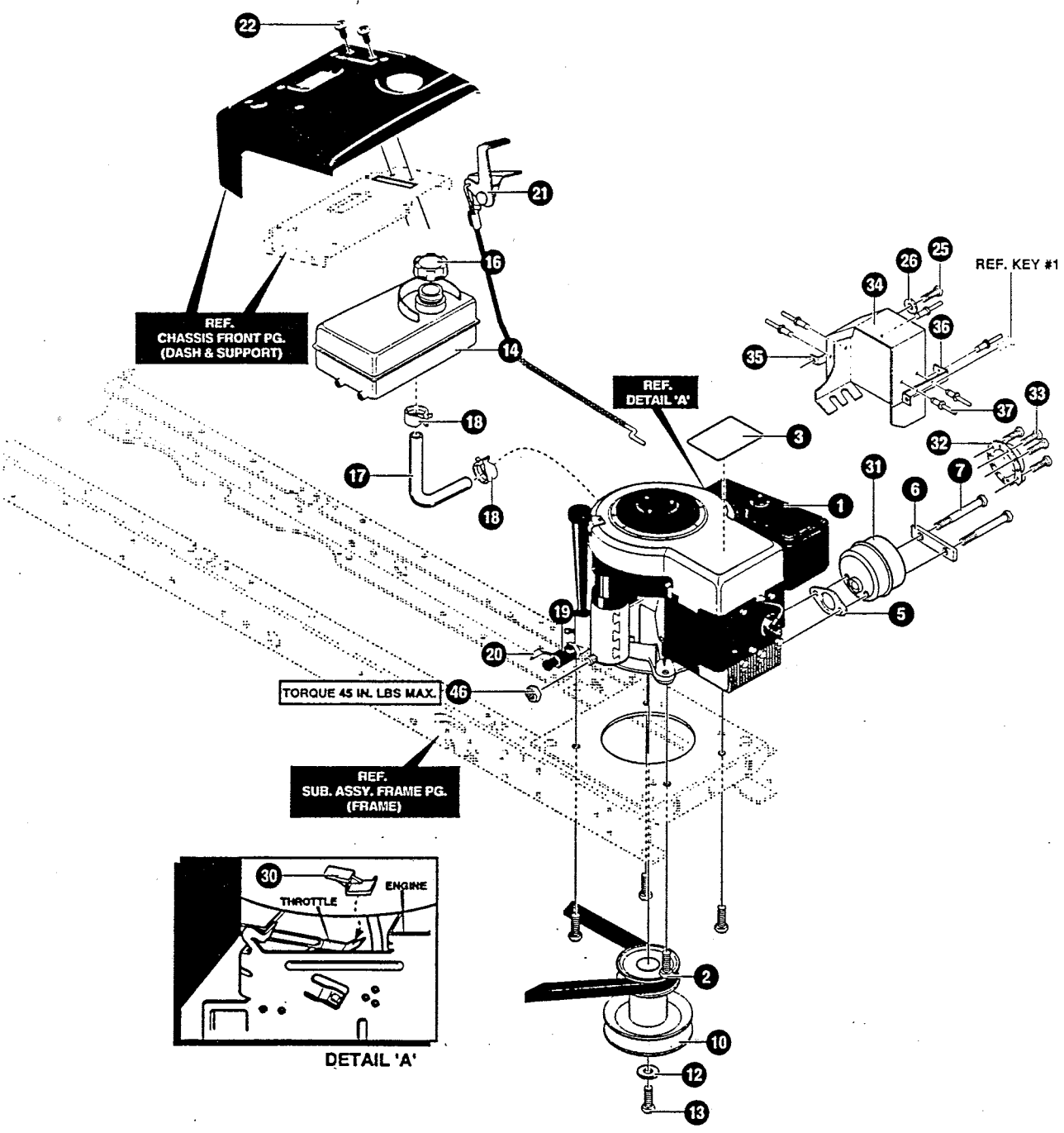
NOTE: ALWAYS USE ORIGINAL EQUIPMENT PARTS.  
 Use of service/replacement parts other than original  
 equipment parts may void your warranty.

ALL UNNUMBERED  
 ITEMS ARE INTERCHANGEABLE  
 WITH OPPOSITE SIDE

343657A

# MOWER SUSPENSION ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
1	95233-853	ASSEMBLY, LIFT ARM	1
2	711917	SCREW, 1/2-13X1.50	2
3	711918	NUT, 1/2-13	2
4	94262-853	BRACKET, LIFT LINK	2
5	711617	WASHER, FLAT	2
6	711682	PIN, HAIR	2
9	711676	PIN, HAIR	2
10	710235	SPRING, EXTN	1
15	711981	LINK - LIFT HANDLE	1
16	711617	WASHER, FLAT	2
17	711682	PIN, HAIR	1
18	690025	HANDLE, LIFT	1
19	710111	TORSION SPRING	1
20	711676	PIN, HAIR	1
21	94497	GRIP, LIFT	1
24	711616	WASHER, FLAT	1
25	94496	GRIP, PTO	1
26	712035	PTO LEVER	1
27	95284	ZINC PADDLE, SWITCH	1
28	711621	SCREW, THREAD FORM	2
29	94018-853	BRACKET, PTO	1
30	711606	SCREW, 5/16-18X.75	2
31	95283	ZINC LEVER, PTO	1
32	711613	BOLT, .50X.75 HSSH 3/8-16	1
33	711659	PIN, HAIR	2
34	711615	WASHER, FLAT	2
35	95282	ZINC LINK PTO	1
36	711622	NUT, 3/8-16	1
37	711606	SCREW, 5/16-18X.75	1
38	710141	TORSION SPRING	1
40	94309	SPACER	2
41	56150	SPACER, SLEEVE	1



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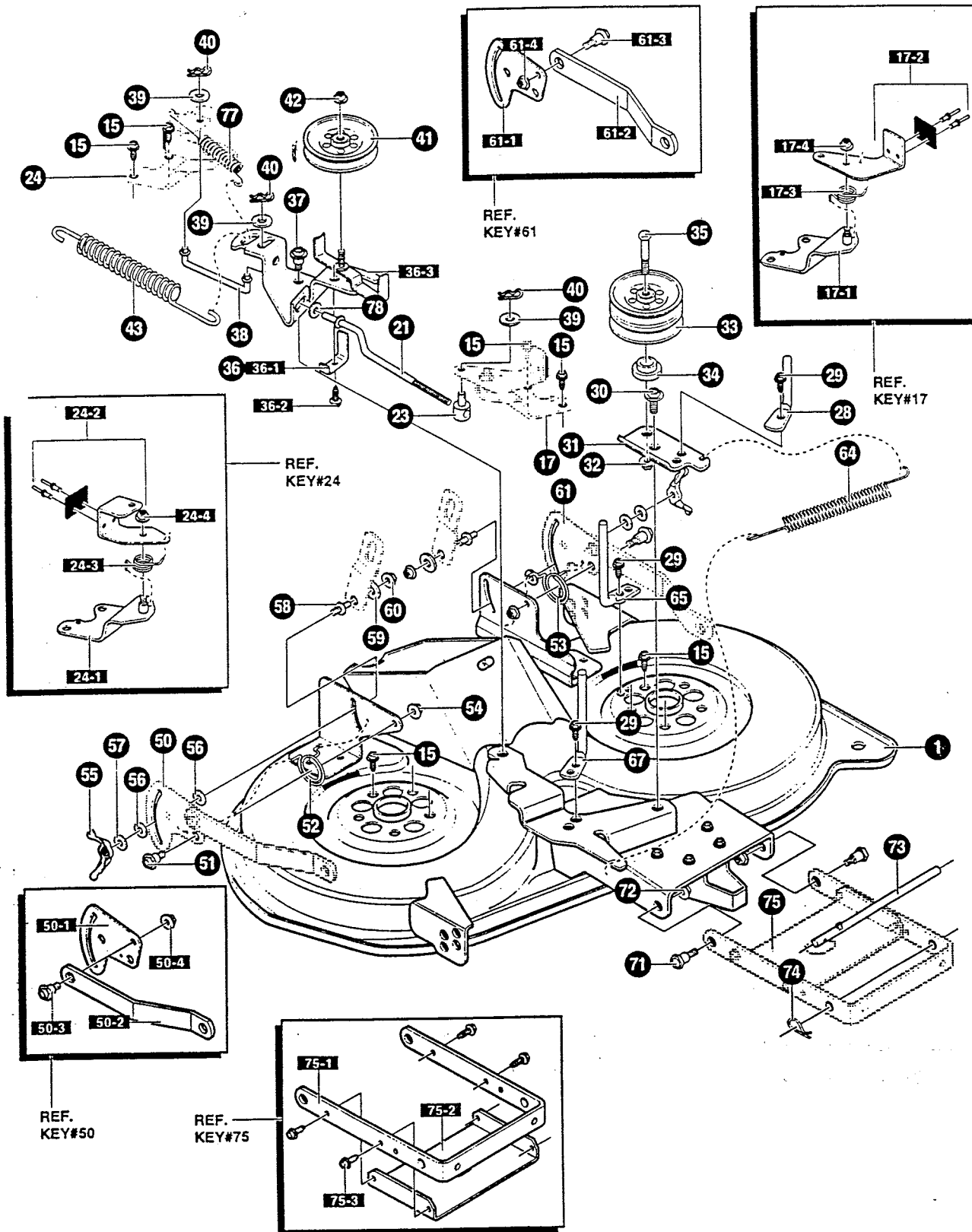
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## ENGINE & CONTROL ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
1	*	ENGINE	1
2	710199	SCREW, 3/8-16X1.25	4
5	91309	GASKET, MUFFLER	1
6	<del>710204</del> *	SCREW, LOCK	1
7	<del>710265</del> det	SCREW, 5/16-18X4.125 HHC	2
10	95383	STACK PULLEY ASSY	1
12	120383	WASHER, REGSPTLK .459X.78X.12	1
13	433146	SCREW, 7/16-20X4.25	1
14	92342	TANK, FUEL	1
16	92317	FUEL CAP	1
17	41007	TUBING, GAS LINE	14.50 IN.
18	47345	CLAMP, HOSE SCREW TYPE	2
19	325547	OIL DRAIN VALVE ASSEMBLY	1
20	327422	CAP, OIL DRAIN VALVE	1
21	94361	THROTTLE CONTROL	1
22	711637	SCREW, #8-16X.38TRCRTAP	2
25	711592	SCREW, 1/4-20X.50 WAHHTAP	1
26	710249	WASHER (18X32)	1
30	94951	SPEED REDUCER	1
31	91271	MUFFLER	1
32	23740	DEFLECTOR, EXHAUST	1
33	712070	SCREW, #8-32X.38 HHWATAP	4
34	95031	HEAT SHIELD, FORMED	1
35	94359	L-BRACKET	1
36	94360	L-BRACKET	1
37	712066	RIVET, POP .187DIAX.450LG	6
46	711601	NUT, 1/4-20 REGHXJAM	1

\* SEE ENGINE MANUAL

6- MU92378 correct part number  
 7- MU712065 Correct part number.



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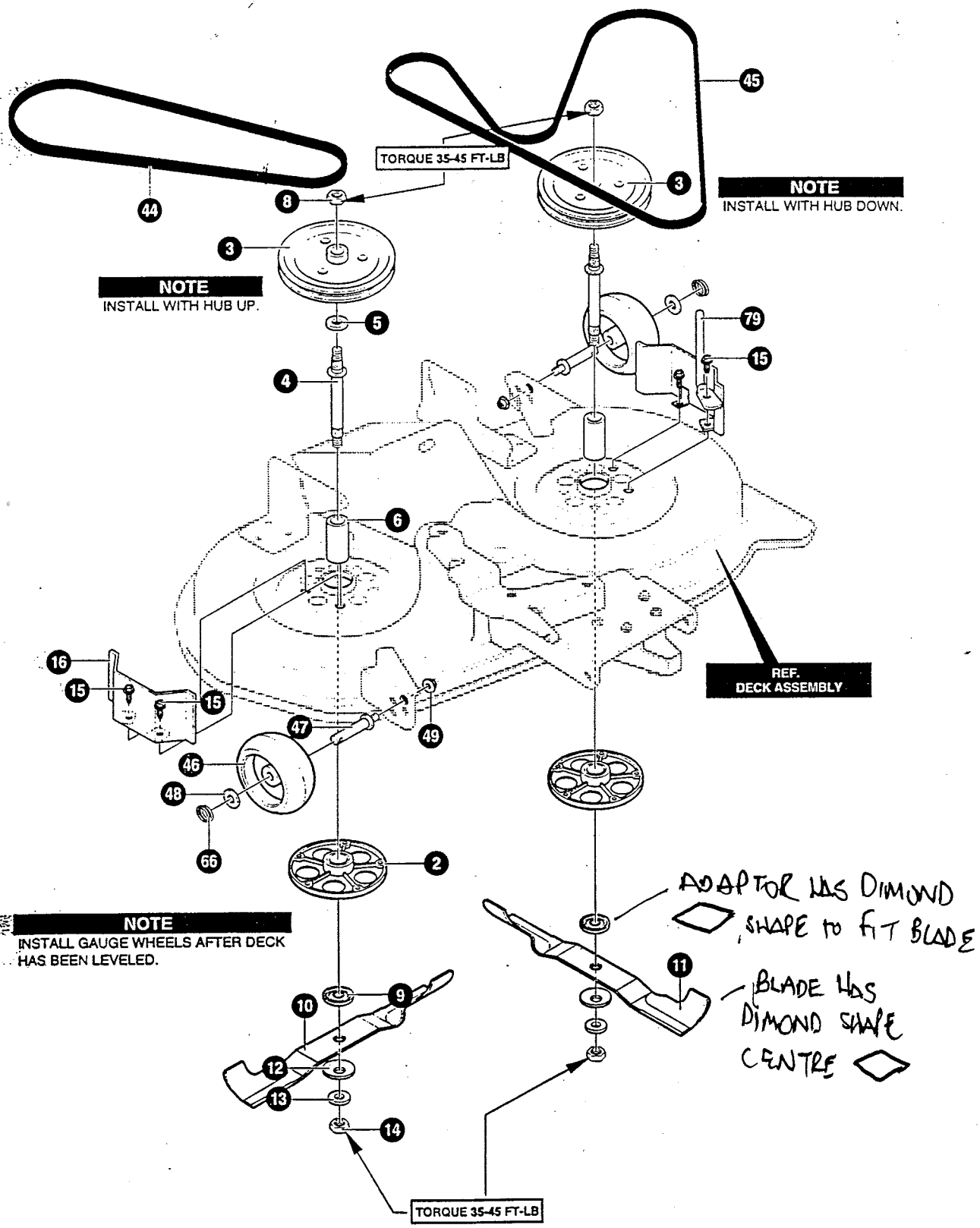
ALL UNNUMBERED  
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# DECK ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
1	690034-853	HOUSING, 40" DECK	1
17	94665-853	BRAKE ARM ASSEMBLY LH	1
17-1	94293	BRAKE SUPPORT ASSEMBLY LH	1
17-2	94291	BRAKE ARM ASSEMBLY LH	1
17-3	710110	SPRING, TORSION	1
17-4	710205	NUT, 5/16-18	1
21	690021	LINK, BRAKE LH	1
23	711591	NUT, ADJUST	1
24	94664-853	BRAKE ARM ASSEMBLY RH	1
24-1	94294	BRAKE SUPPORT ASSEMBLY RH	1
24-2	94292	BRAKE ARM ASSEMBLY RH	1
24-3	710077	SPRING, TORSION	1
24-4	710205	NUT, 5/16-18	1
28	711912	GUIDE, BELT	1
29	711914	SCREW, 5/16-18 X .50	3
30	711613	BOLT, SHOULDER	1
31	94261-853	ARM, DOUBLE IDLER	1
32	711622	NUT, 3/8-16	1
33	94279	PULLEY, IDLER DOUBLE VEE	1
34	94269	SPACER	1
35	711915	SCREW, 3/8-16X3.00	1
36	94973-853	IDLER ARM ASSY	1
36-1	94312	SPRING - GUIDE BELT	1
36-2	710264	SCREW, 1/4-20X .50	1
36-3	94298	IDLER ARM ASSEMBLY	1
37	711613	BOLT., SHOULDER	1
38	690023	LINK, BRAKE RH	1
39	711916	WASHER, FLAT	3
40	711682	PIN, HAIR	3
41	690024	PULLEY, V IDLER 4"	1
42	711622	NUT, 3/8-16	1
43	710234	SPRING, EXTENSION	1
50	341593-853	ASSEMBLY, PLATE, REAR SUS. BRKT. RH	1
50-1	94128	PLATE - SUSPENSION	1
50-2	94055	SUSPENSION BRACKET REAR	1
50-3	710095	BOLT, SHOULDER	1
50-4	710140	NUT, 3/8-16	1
51	711611	BOLT, SHOULDER	2
52	710112	SPRING, TORSION RH	1
53	710113	SPRING, TORSION LH	1
54	711622	NUT, 3/8-16	2
55	711600	WINGNUT, 5/16-18	2
56	94137	PAD, FRICTION	4
57	711628	WASHER	2
58	711595	PIN, HANGER	2
59	711616	WASHER, FLAT	2
60	711622	NUT, 3/8-16	2
61	341594-853	ASSEMBLY, PLATE, REAR SUS. BRKT. LH	1
61-1	94128	PLATE - SUSPENSION	1
61-2	94055	SUSPENSION BRACKET REAR	1
61-3	710095	BOLT, SHOULDER 3/8-16	1
61-4	710140	NUT, 3/8-16	1
62	711656	WASHER, EXTERNAL LOCK	2
64	710233	SPRING, EXTENSION	1
65	711913	GUIDE, BELT	1
67	690030	GUIDE, BELT	1
71	711611	BOLT, SHOULDER	2
72	711622	NUT, 3/8-16	2
73	95295	ROD, HANGER	1
74	711676	PIN, HAIR	1
75	690058-853	ASSEMBLY, BRACKET & STIFFENER	1
75-1	94058	BRACKET, FRONT SUSPENSION	1
75-2	95057	STIFFENER	1
75-3	710079	SCREW, 5/16-18X.75	4
77	710658	SPRING, EXTENSION	1
78	583409	WASHER, FLAT	1





**NOTE**  
INSTALL WITH HUB UP.

TORQUE 35-45 FT-LB

**NOTE**  
INSTALL WITH HUB DOWN.

REF. DECK ASSEMBLY

**NOTE**  
INSTALL GAUGE WHEELS AFTER DECK HAS BEEN LEVELLED.

ADAPTOR HAS DIMOND  
SHAPE TO FIT BLADE

BLADE HAS  
DIMOND SHAPE  
CENTRE

TORQUE 35-45 FT-LB

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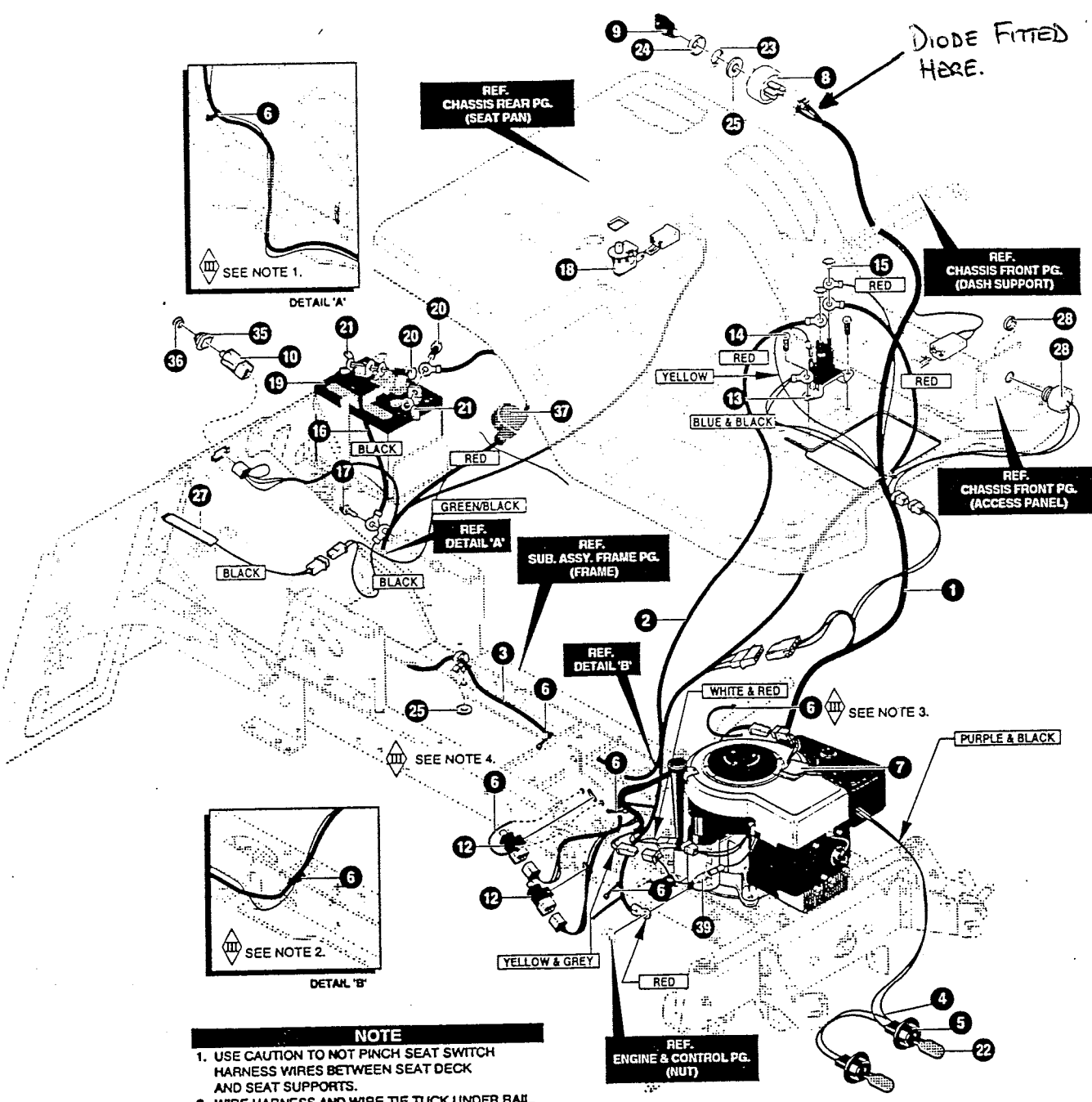
# DECK ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION	QTY
2	94305	ASSEMBLY, JACKSHAFT HOUSING	2
3	690020	PULLEY, DECK	2
4	91922	JACKSHAFT	2
5	710117	WASHER, FLAT	1
6	91903	SPACER, .625X.875X1.91	2
8	711910	NUT, 9/16-18	2
9	94207	ADAPTER, DECK/BLADE 40"	2
10	95096 *	BLADE, RH REBA HI-LIFT	1
11	95097 *	BLADE, LH REBA HI-LIFT	1
12	710118	WASHER, BELLVILLE.	2
13	710117	WASHER, FLAT	2
14	711910	NUT, 9/16-18	2
15	711911	SCREW, 3/8-16X1.00	10
16	94288-853	COVER PULLEY	2
44	710231	BELT, V 46.5LG	1
45	690071	BELT, DECK	1
46	92683	GAUGE WHEEL	2
47	711746	BOLT, SHOULDER	2
48	711615	WASHER, FLAT.	2
49	711622	NUT, 3/8-16	2
66	711764	PIN, CIRCLE	2
79	95280	ROD, BELT GUIDE	1

\* see M0690499 + M0690500 - 18° End to Blades

If higher needed see M0690248 + M0690249 - 23° Ends to Blades

If you order M094305 but the jackshaft that is in the kit does not fit, you have to order M091922 seperately. how bloody stupid is that!!!

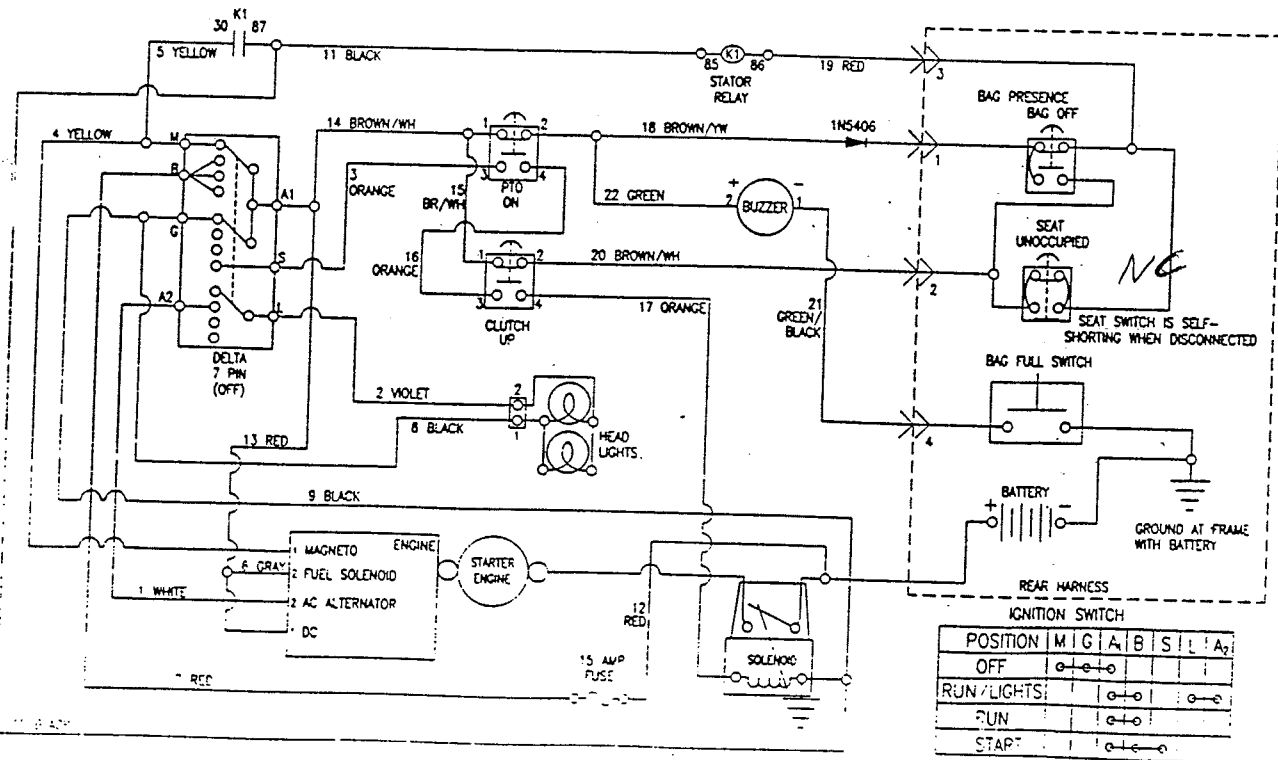


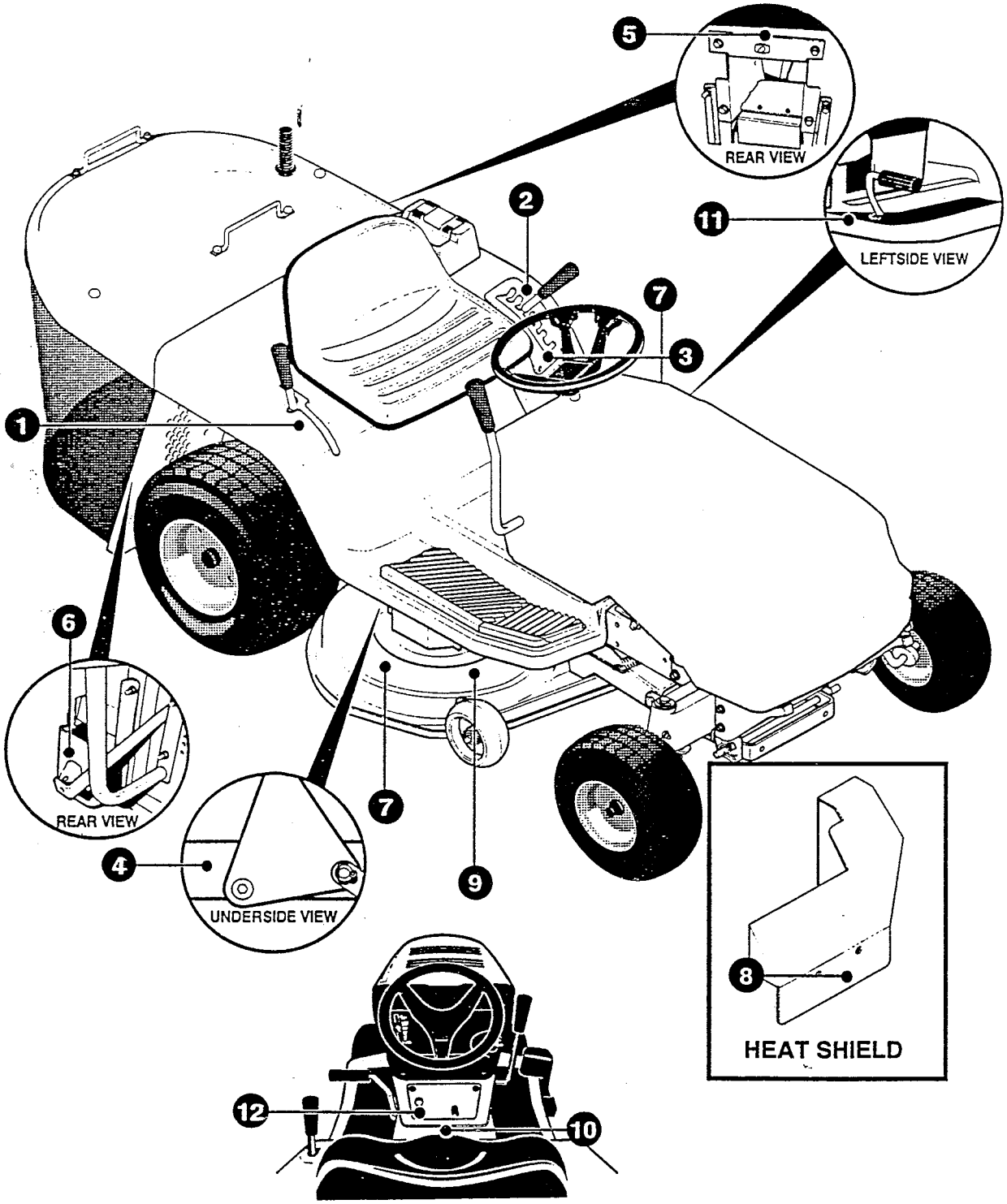
- NOTE**
1. USE CAUTION TO NOT PINCH SEAT SWITCH HARNESS WIRES BETWEEN SEAT DECK AND SEAT SUPPORTS.
  2. WIRE HARNESS AND WIRE TIE TUCK UNDER RAIL.
  3. ROUTE HEADLIGHT HARNESS BETWEEN AIR FILTER AND ENGINE COVER. TIE HEADLIGHT HARNESS TO FUEL LINE.
  4. WIRE TIE PTO WIRES TO FRONT OF PTO BRACKET THROUGH SPRING MOUNTING HOLE. WIRES TO RUN VERTICAL THROUGH WIRE TIE.

# ELECTRICAL ASSEMBLY

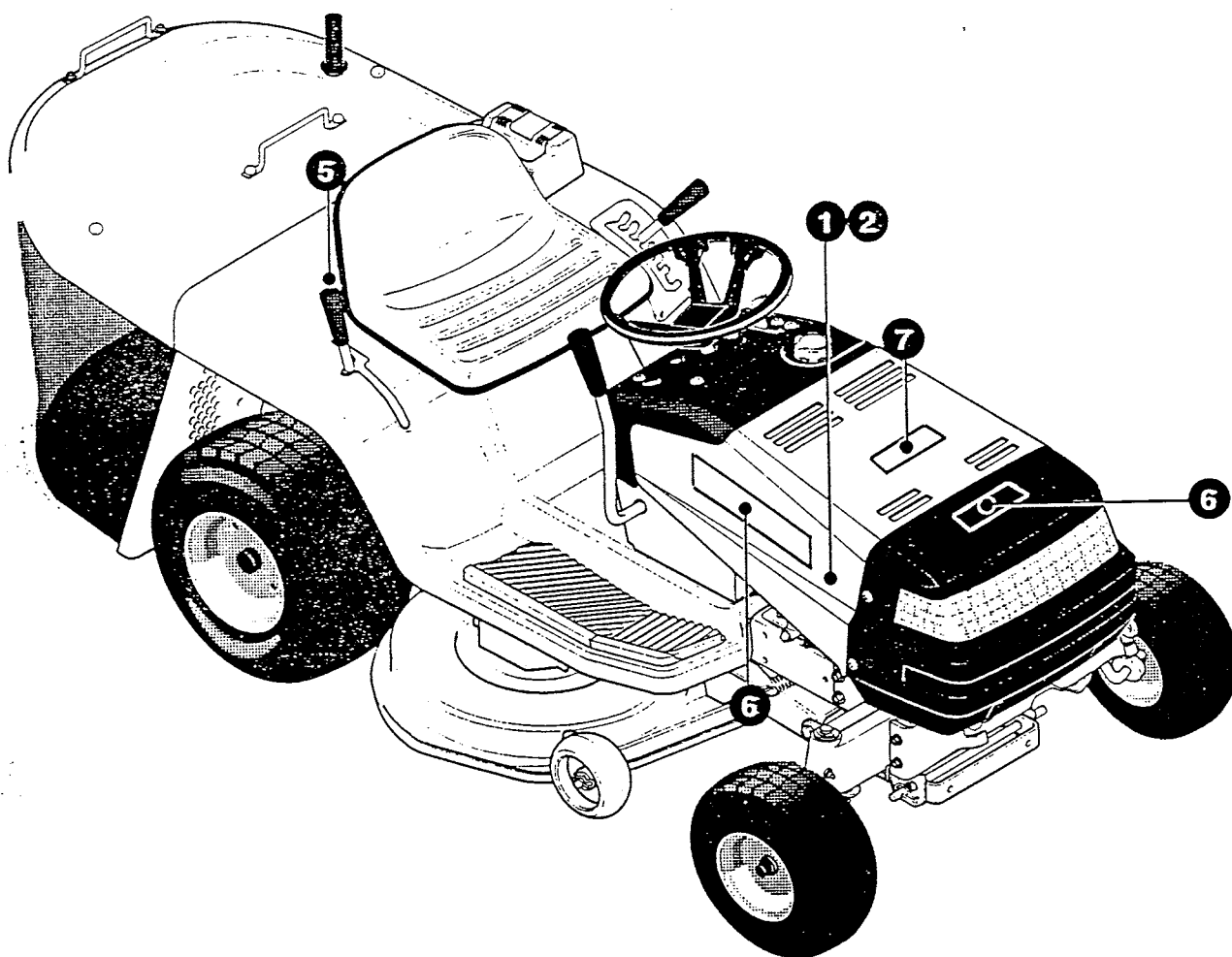
KEY NO.	PART NO.	DESCRIPTION	QTY
1	95380	WIRE HARNESS	1
2	711579	WIRE, LEAD SOLENOID TO STARTER	1
3	95381	REAR HARNESS	1
4	340513	WIRE HARNESS FOR HEADLIGHTS	1
5	92372	SOCKET, LAMP	1
6	57444	TIE, CABLE BLACK NYLON 5.62L	2
7	55939	WIRE CLIP, ADHESIVE	7
8	94878	SWITCH, IGNITION	1
9	327350	KEY,IGNITION	1
10	320082	SWITCH, DOUBLE	1
12	94136	SWITCH LIMIT	1
13	94613	SOLENOID	2
14	711619	SCREW, 1/4X.50	1
15	711632	NUT, 1/4-20	2
16	95420	WIRE, GROUND	2
17	711619	SCREW, 1/4X.50	1
18	94159	SWITCH, SEAT	1
19	302257	BATTERY 12V 7 PLATE	1
20	711680	BOLT, 1/4-20X.63	1
21	711636	NUT, WING 1/4-20	2
22	780216	BULB, HEADLIGHT	2
23	327352	NUT, 5/8-8 ACME DELTA FOR BOOT	2
24	300194	BOOT, IGN SWITCH	1
25	138557	WASHER, REGINTLK .640X1.1X.05	1
26	342126	TIE, CABLE NYLON	1
27	95330	TAPE SWITCH	2
28	95391	BUZZER FOR BAG FULL	1
35	690074	BOOT SWITCH	1
36	690075	CAP, SWITCH	1
39	94348	HARNESS, ADAPTER	1
	302031	FUSE 15 AMP	1

## WIRING SCHEMATIC





KEY NO.	PART NO.	DESCRIPTION	QTY
1	710558	DECAL, SHIFTER 6-SPEED	1
2	711736	DECAL, REBA 5-POSITION	1
3	711850	DECAL, DECK LEVEL POSITION	1
4	710523	DECAL, PINCH POINTS WARNING	1
5	338541	DECAL, BAGGER "CE" M#44X5939	1
6	338542	DECAL, DRAWBAR WARN M#44X6138	1
7	402700	DECAL, CAUTION DECK LH NO STEP	2
8	338543	DECAL, HOT SURF WARN M#44X5936	1
9	710684	DECAL, DECK BELT ROUTE	1
10	710534	DECAL, CONS CAUT. M#44X6815 97	1
11	711419	DECAL, CLUTCH BRAKE EXP	1
12	711766	DECAL, INSTR FOR BAG RELEASE	1



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KEY NO.	PART NO.	DESCRIPTION	QTY
1	712181	DECAL, HAYTERS 13/40 LH HOOD	1
2	712182	DECAL, HAYTERS 13/40 RH HOOD	1
5		REFERENCE ONLY	
6	305602	PAD, 4X15 FOAM HOOD	3
7	307276	PAD, 15X7 FOAM HOOD	1



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