

AMF
Ski-Daddler
Mark IV

Parts and Service Manual

WARRANTY CERTIFICATE AMF SKI-DADDLER SNOWMOBILE

PART I

AMF as manufacturer guarantees, to the original retail purchaser, each new snowmobile to be free of defects in material and workmanship under normal use. The manufacturer's obligation under this warranty is expressly limited to repairing or replacing any defective part under the conditions set forth as follows:

1. This warranty applies only to defects discovered between the date of retail purchase and the first day of the following month of May.
2. The part alleged to be defective shall be reported in writing to an authorized AMF dealer within thirty days of the discovery of the defect.
3. This warranty does not apply to items which are covered by the original manufacturer's warranty, such as engines, starters, batteries, drive belts, and light bulbs (see Warranty Certificate, Part II, Conditions). These items are warranted separately by their respective manufacturers through their authorized service dealers.
4. This warranty is voided if the snowmobile is operated on other than snow or ice, in competitive racing, in commercial usage, or has been used as a demonstrator.
5. The warranty registration card and 20-hour inspection checklist card must be mailed to AMF within seven days of date of purchase to qualify for the warranty.
6. Damage or deterioration resulting from misuse, neglect, accident, transit, alterations or unauthorized repair shall in no event be deemed a defect in material or workmanship.
7. This warranty does not cover normal wear or maintenance items, which are considered to be operating expense.
8. For other than predelivery claims, the warranty will not apply to Series XX, high-performance models.
9. AMF reserves the right to incorporate changes in design into this product without obligation to make these changes on units previously sold.
10. No express, implied or statutory warranty other than that herein set forth is made or authorized to be made by AMF.

PART II

This warranty covers defects in material and workmanship, however, certain items are considered normal operating expense items and are not covered under this warranty.

Conditions:

This warranty does not apply to:

1. Engine tune-up, cleaning or replacement of spark plugs.
2. Ski alignment.
3. Brake, variable-speed, or traction-belt adjustment, or variable-speed-belt replacement.
4. Brake lining or ski wear-rod replacement.
5. Paint, body dents and damaged fiberglass, chrome or trim due to use.
6. Engine damage due to lack of sufficient oil in fuel mixture, incorrect oil, too lean carburetor adjustment, or clutch or traction belt damage due to running engine at high RPM on kickstand, or with variable-speed belt removed.
7. Damaged or broken windshields.
8. Any snowmobile which shall be repaired or altered outside an AMF authorized repair service facility in any way that in AMF's judgment affects its operation or reliability.
9. Traction-belt failure due to misalignment or abuse.
10. Use of sled for competition racing will void the warranty.
11. Lamps and lens (headlight and taillight).
12. Snowmobile when AMF-approved parts are not used in repair or replacement.
13. Any snowmobile for which warranty registration card has not been returned in accordance with the instructions provided.
14. Any parts replaced as a result of normal wear.
15. Deterioration of rubber or fabric components.
16. Fasteners.

NOTE: Save the Ski-Daddler Inspection Record, Form No. 4477QA attached to the snowmobile. This inspection tag identifies your sled by model and serial number and should be shown to your dealer when making any claim under the AMF Warranty.

WARRANTY CERTIFICATE

Dealer Responsibility

During the warranty period it will be necessary for the dealer to:

- 1. Be responsible for warranty service to the consumer on warranted items regardless of geographical location of original purchase.*
- 2. Mail to AMF within seven days, after completion, predelivery inspection warranty registration card and 20-hour inspection checklist card.*
- 3. Complete a Warranty Allowance Request Form, No. 4414A, and submit it to AMF through his distributor, where applicable, within thirty days after repairs have been made.*
- 4. Determine if the unit or part requiring repair or replacement is covered under this warranty.*
- 5. Determine if the customer warranty has been properly registered and that the warranty period is still in effect.*
- 6. Hold all defective parts replaced under this warranty until AMF disposition instructions are received or until warranty credit is received.*
- 7. Identify all defective parts returned to AMF under warranty by the applicable warranty request number.*
- 8. Assume the full cost of pick-up charges or travel expenses required to perform warranty service.*

Owner's Responsibility

During this warranty period it may become necessary for the owner to:

- 1. Replace, clean or adjust spark plugs, ignition points and condenser.*
- 2. Perform engine tune-up and adjust carburetor.*
- 3. Adjust and align skis.*
- 4. Add oil and lubricants.*
- 5. Adjust brake.*
- 6. Assume the full cost of freight for return of defective warranted parts to the factory.*
- 7. Perform proper storage of snowmobile during off-season months.*
- 8. Have 20-hour inspection of snowmobile made by his dealer.*

IMPORTANT

FOR ENGINE PARTS AND WARRANTY, CONTACT LOCAL ENGINE SERVICE AGENCY OR WRITE TO:

JLO ENGINE

Rockwell — JLO Operations
700 Marcellus Street
Syracuse, New York 13204

HIRTH ENGINES

Wisconsin Motor Division of
Continental Motors Division
Hirth Engine Department
Milwaukee, Wisconsin 53246

WARRANTY FLAT-RATE LABOR SCHEDULE

1. Remove and replace chain case cover	1/4 hour
2. Remove and replace chain and adjust tension	1/4 hour
3. Remove and replace driven clutch or bearings or V-belt	1/2 hour
4. Remove and replace drive clutch	1/2 hour
5. Remove and replace engine mount and/or strap	1 hour
6. Remove and replace drive sprockets, drive shaft or bearings	1 hour
7. Remove and replace traction belt (endless) and adjust	2 hours
8. Remove and replace rear idler shaft assembly or bearings	1/2 hour
9. Remove and replace rear support arms (2)	1/2 hour
10. Remove and replace throttle cable	1/4 hour
11. Remove and replace brake cable	1/4 hour
12. Remove and replace bogie support half (1 or both)	1/2 hour
13. Remove and replace bogie wheel	1/4 hour
14. Remove and replace steering spindle	1/4 hour
15. Remove and replace spindle arm	1/4 hour
16. Remove and replace carburetor	3/4 hour

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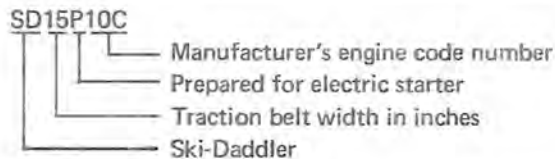
INTRODUCTION

This manual has been prepared to provide all authorized AMF Ski-Daddler Dealers, Distributors and technicians with the instructions necessary to service and maintain the AMF MARK IV series Ski-Daddler snowmobiles.

The series classification for each snowmobile is clearly shown on the control panel. The Model Number and Serial Number are permanently stamped on the nameplate attached to the rear right-hand side of the main frame assembly. When ordering accessories or replacement parts, always indicate the correct Model Number and Serial Number as shown on the nameplate.

The following list identifies the Ski-Daddler series classification, corresponding model numbers and engine designation covered in this manual.

Series Classification	Model Number	Engine
MARK IV-300	SD15P10C	JLO 295
MARK IV-400-D	SD15P51A	Hirth 399
MARK IV-400	SD15P51B	Hirth 399



This manual is presented in two sections. The first section, Maintenance, provides the instructions necessary for maintenance and service while the second section, the Illustrated Parts List is provided to facilitate the ordering of spare and replacement parts.

The Parts List section also contains a numerical listing of all items shown in the Illustrated Parts List. Thus, if the part number is known but not its application, refer to the numerical list. If the part number is not known, locate the item on the illustration to obtain the index number keyed to the applicable parts list.

IMPORTANT: To keep the AMF Warranty in force, be certain to use only AMF-Approved replacement parts. The AMF-Warranty does not apply to parts covered by the original manufacturer's warranty such as engine or engine parts, starters, belts, carburetor, battery or other components or accessories not manufactured by AMF. Should any claim arise concerning these items, follow the manufacturer's instructions.

If the information in this manual is not applicable to all models, the exceptions will be noted and the correct information for the particular model will be given.

PREDELIVERY INSTRUCTIONS

The AMF Ski-Daddlers are shipped completely assembled except for the windshield assembly and the ski assembly.

These assemblies, plus the attaching hardware will be found in the shipping container. Carefully open the carton and immediately inspect the equipment for any damage or missing items.

IMPORTANT: The owner must retain the Ski-Daddler Inspection Record, Form No. 4477QA. This form must be shown to the dealer should any claim arise under the AMF Warranty.

Install Ski Assembly

- Place the spindle pads (figure 1) in the spring mounting bracket with the thicker section and the directional arrow on the pad pointing forward. **NOTE:** The spindle pads and attaching hardware, locknuts and 3-1/4-inch length screws, will be found in the plastic bag shipped with the sled.

- Install the ski assembly by securing the spring mounting bracket and spindle pad to lower end of spindle tube assembly as shown in figure 1. Apply 30 foot-pounds torque to the locknut. Do not overtighten bolt as the ski assembly should float freely on the spindle.

- Repeat procedure for opposite ski.

NOTE: Properly installed skis should toe out 0- to 1/2-inch at the front end (see figure 2) and should be symmetrical about the centerline of the sled. To align the skis, refer to the Steering and Ski Alignment procedures.

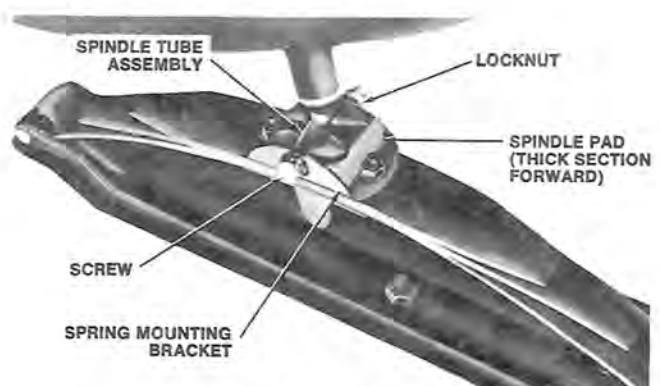


Figure 1

Install Windshield Assembly

- Disconnect hood harness at the quick disconnect.
- Remove hood and headlight assembly. Refer to Hood Removal and Installation procedure.
- Back off the locknut (figure 2) and remove the 7/8-inch length screw used to secure the hood harness clip and the end of the right-hand mounting strip to the hood.
- Remove the remaining screws securing the right- and left-hand mounting strips to the hood. Remove the mounting strips.

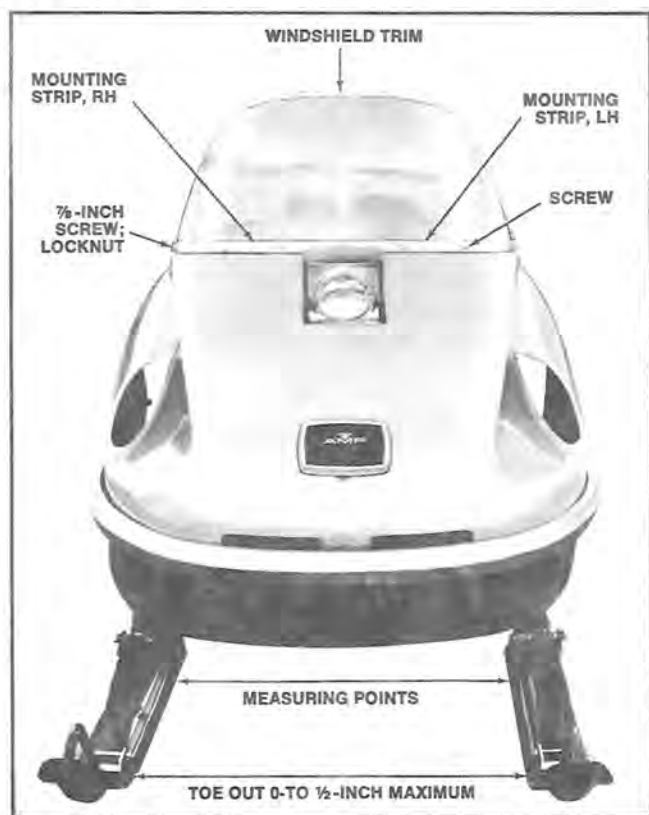


Figure 2

- Remove the protective plastic cover from the windshield. Place the windshield in position on the hood assembly. Replace the mounting strips as shown in figure 2.
- Using the original screws, loosely secure the mounting strips and windshield to the hood assembly starting at the center and working to the sides. Be certain to position the 7/8-inch length screw in the end position shown in figure 2.
- Engage the ends of the mounting strips to the trim strip on the windshield and then tighten the screws, starting at the ends and working to the center. Remove the protective covering from the mounting strips.

NOTE: Check mounting strips for sharp edges or corners. Use a fine tooth file to smooth any sharp edges and corners.

- Attach the hood harness clip to the 7/8-inch length screw and secure with locknut.

IMPORTANT: Before replacing the hood assembly, check the steering column to insure that it is not too loose nor too tight. Adjust the bolts securing the steering column and U-strap at the roll bar as required to obtain good steering response.

Fuel Mixture Instructions

WARNING

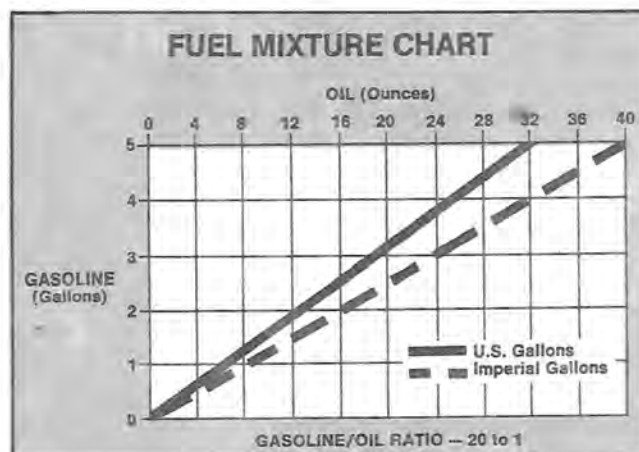
Never fill the gasoline tank while the engine is hot. Wipe off any spilled gasoline before attempting to start engine.

The correct oil-to-gasoline ratio is 20:1 (20 parts regular gasoline to 1 part oil). Too much oil will cause carbon deposits. Too little oil or a poor mix will cause insufficient lubrication and possible engine damage.

IMPORTANT: Gasoline and oil should be mixed at temperatures above zero. At temperatures below zero gas and oil mix with difficulty.

Fuels containing additives are not recommended for use in Ski-Daddler engines. For mixing with gasoline, use AMF-nondetergent oil prepared exclusively for use in air-cooled, 2-cycle engines.

IMPORTANT: Some outboard motor oils contain a detergent that works well in outboard motors that operate at much lower temperatures because they are water cooled. However, the detergents may cause spark plug fouling in the air-cooled engines used on Ski-Daddler snowmobiles.



Use a mixture of gasoline and oil as shown in the Fuel Mixture Chart. Never use gasoline left over from the summer or previous winter.

IMPORTANT: The new no-lead antipollution gasolines may contain additives that contribute to higher combustion temperatures and varnish formations that may cause engine seizing. Use only normal leaded regular and premium gasolines when mixing for use in the Ski-Daddler engines.

Mix the gasoline and oil thoroughly in a clean container kept for this purpose only. The best way to ensure a good mix is to pour the oil into a container with about one gallon of gasoline and mix thoroughly. Then add additional amounts of gasoline as shown on the Fuel Mixture Chart. Fill Ski-Daddler gas tank from this separate container of mixed fuel. Use a funnel with a fine-screen strainer when filling the tank.

Lubrication

A low temperature grease must be applied to the zerk fittings located on the steering spindle tubes; on each bogie wheel after approximately each 20 hours of use; and the chain case housing which must be checked after each 10 hours of use and No. 2 lithium bearing grease replaced as required.

The bearing cup retainers that hold the seal bearings in the traction belt take-up assembly used on Mark IV-300 and -400 should be repacked with No. 2 lithium bearing grease whenever the bearings are removed during normal maintenance. No. 2 lithium bearing grease may also be applied to the inside of the drive sprocket bearing retainers during normal maintenance.

No. 2 lithium bearing grease may also be applied as required to the wearplates and U-strap securing the steering column to the roll bar.

SERVICE AND REPAIR

Hood Removal and Installation

- To remove the hood and headlight assembly, disconnect the hood wiring harness at the quick-disconnect. Release the hood latch assemblies and then remove the hood and headlight assembly by lifting back end first.

- To install the hood and headlight assembly, place the hood in position on the sled so that the forward hood clip and the bottom edge of the hood engages the clips along the inside edge of the bumper.

- Engage the left- and right-hand latch assemblies to secure the hood to the main frame.

- Connect the hood wiring harness using the connector plug.

Hood Assembly Repair

AMF Fiberglass Repair Kits are available through your authorized AMF Distributor. For large repairs, order AMF Fiberglass Repair Kit No. 1510693. Smaller repairs can be made with Repair Kit No. 1510765. Paint all repaired areas on the hood using AMF-Orange color paint available in easy-to-use spray container, AMF Part No. 1510828. Follow the instructions in the kit when making repairs.

Replace Lamp Assemblies

Headlight. To replace the headlight bulb, raise the headlight assembly; remove the screws securing the cover assembly and remove the cover assembly. Remove the defective bulb and replace with new bulb. See illustrated parts list for correct replacement part numbers.

Taillight. Remove taillight lens to expose the taillight bulb. Remove the defective bulb and replace with a new bulb. See illustrated parts list for correct replacement part numbers.

Steering and Ski Assembly Alignment

Good steering ability requires that the skis be properly set and aligned with the sled body when the steering handle is placed in the straight-ahead position. To determine that the skis are properly aligned, measure the distance between the inside edges of the skis at the front end and at the rear. Properly aligned skis should toe out 0- to 1/2-inch maximum at the front. If the skis or steering mechanism are not properly set, adjust as follows.

- Place steering handle in a straight-ahead position.

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

- Remove the bolt (1, figure 3), two spacers (2), bottom spacer and locknut securing the rod end bearing (3) to the spindle arm (6).

- Loosen the jam nuts (4) securing rod end bearings (3) at the spindle arm.

NOTE: If both skis need adjustment, repeat procedure for the opposite ski.

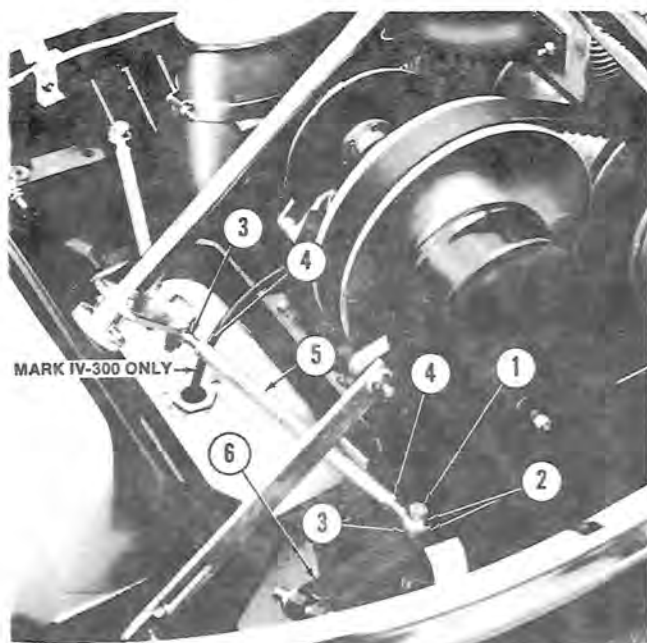


Figure 3

- Move the affected ski into proper alignment and recheck measuring points to insure that the skis toe out 0- to 1/2-inch maximum at the front end and are in the same orientation with the sled body as shown in figure 2.

- With skis properly set and steering handle in the straight-ahead position, rotate rod end bearing (3, figure 3) as required to bring rod end bearing in line with the spindle arm (6).

- Secure rod end bearing (3) to spindle arm (6) as illustrated. Check for proper alignment and then tighten jam nut (4) to secure rod end bearing.

NOTE: If a greater adjustment is required than that permitted by the steering linkage assembly, it will be necessary to align the ski by making the adjustment at the spindle tube assembly as follows:

- Remove screw (5, figure 4) and locknut (6) securing spindle (7) to spindle arm (8).

- Remove spindle arm (8) and rotate ski and spindle one notch in the required direction; replace and secure spindle arm to the spindle. Apply 20 foot-pounds torque to the locknut (6).

- Recheck the skis for proper toe out and alignment as previously described.

To Remove Drive Chain

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect spark plug wires before working on the engine or drive elements.

- Remove the locknut securing the chain cover top and remove chain cover top.

- Loosen the bolts (1, figure 4) on both cam up-rights (2) and rotate the cam and shaft (3) as required to loosen the chain tension. During reassembly, apply 30 foot-pounds torque to the bolt (1).

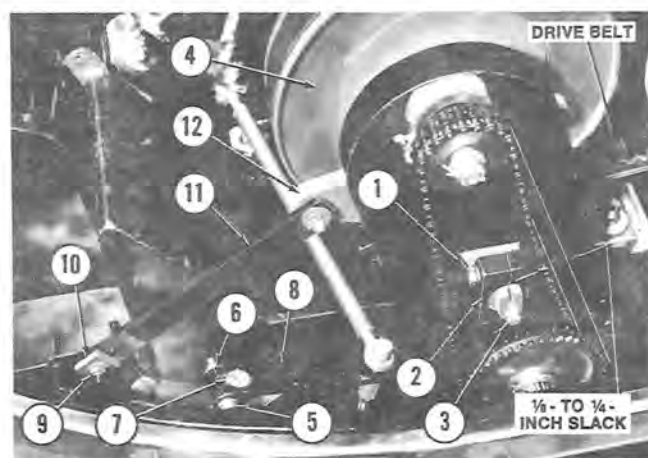


Figure 4

- Remove the cotter pin, slotted nut and washer securing the top sprocket to the driven clutch shaft. Remove the top sprocket and chain together.

- Reassembly is the reverse of removal. Perform drive chain adjustment procedures and add No. 2 lithium bearing grease as required to the chain case.

Drive Chain Adjustment

A properly adjusted drive chain (figure 4) should have a 1/8- to 1/4-inch slack. Check and adjust chain as follows:

- Remove the locknut securing the chain cover top and remove chain cover top.

- Rotate the upper sprocket to tension one side of the chain and then check the opposite side for proper slack. If adjustment is required, loosen the screws (1) securing the cam uprights (2) on each side.

- Rotate the cam (3) counterclockwise to tighten or until the chain is properly tensioned. Hold the cam in this position while tightening the cam upright bolts (1) on each side. Be certain the lateral alignment between the drive clutch and the driven clutch (4) is maintained while the cam upright bolts are tightened. Apply 30 foot-pounds torque to the screw (1).

- Recheck chain tension before replacing the chain case cover.

To Remove Variable-Speed Drive Belt

- Remove the drive chain. Refer to paragraph To Remove Drive Chain.

- Remove the clutch guard assembly.

- Loosen the locknut (9, figure 4) and serrated washer (10). During reassembly, apply 10 foot-pounds torque to the locknut (9).

- Push the driven clutch (4) toward the drive clutch sufficiently to allow removal of the variable-speed drive belt from the drive clutch.

- Remove the locknuts (7, figure 6) securing the bearing clamps (8) and remove the bearing clamps. During reassembly, apply 5 foot-pounds torque to the locknuts (7).

- Lift the driven clutch and drive belt clear of the brake assembly and remove the variable-speed drive belt.

- Install replacement drive belt. See illustrated parts list for correct replacement part numbers.

NOTE: Variable-speed drive belt installation procedures are the reverse of removal except that the belt must first be placed around the driven clutch and then around the drive clutch. After installation, perform the drive chain adjustment, variable-speed belt adjustment and the drive clutch alignment procedures.

Variable-Speed Drive Belt Adjustment

Proper drive belt tension is obtained when opposite sides of the belt can be squeezed, between the drive clutches, to the following dimensions as measured between the top and bottom outside surface of the belt.

SD15P10C 2-3/4- to 3-1/4 inches

SD15P51A 4-1/4- to 4-3/4 inches

SD15P51B 4-1/4- to 4-3/4 inches

Measurement must be taken as close to the drive clutch flanges as possible. Be certain the driven clutch does not open when belt is squeezed.

IMPORTANT: Do not use antislip belt dressing. Belt slippage is a safety feature which prevents overstressing drive-system components.

- To adjust drive belt tension, loosen the locknut (9, figure 4) securing the clutch rod tensioner to the main frame assembly.

NOTE: If the drive belt is wearing unevenly, check alignment as described in Drive Clutch Alignment procedures.

- Move the driven clutch (4) in the direction required to obtain proper belt tension. Hold this position while tightening the locknut (9) to secure the clutch rod tensioner. Be certain the washer (10) and bar serrations are properly engaged. Apply 10 foot-pounds torque to the locknut (9).

To Remove Drive Clutch

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect spark plug wires before working on the engine or drive elements.

- Remove the clutch guard assembly.

- Loosen the locknut (9, figure 4) and serrated washer (10) securing the clutch rod tensioner (11) to the main frame. During reassembly, apply 10 foot-pounds torque to the locknut (9).

- Push the driven clutch toward the drive clutch sufficiently to allow removal of the variable-speed drive belt from the drive clutch.

- To remove the drive clutch from Models SD15P10C, remove the clutch adapter bolt and washer. If necessary, use a clutch puller and remove the drive clutch. During reassembly, apply 45 foot-pounds torque to the clutch adapter bolt. **NOTE:** If the clutch nut is removed from the drive clutch used on Model SD15P10C, reinstall the nut, apply 125 foot-pounds torque and be certain to engage the lockplate tangs.

- To remove the drive clutch from Models SD15P51A and SD15P51B, remove the clutch adapter bolt and washer, flatten the lock plate tangs and remove the clutch nut and lock plate. If necessary, use a clutch puller to remove the drive clutch. During reassembly, apply 150 foot-pounds torque to the clutch nut and then apply 70 foot-pounds torque to the clutch bolt. Be certain to engage the lock plate tangs.

NOTE: Drive clutch engagement speeds for the Mark IV-400 and -400D may be increased to 2600 to 2800 engine RPM's by repositioning the clutch ramp plate from level No. 1 to position level No. 2.

- Reassembly is the reverse of removal. Perform variable-speed drive belt adjustment and drive clutch alignment procedures.

Drive Clutch Alignment

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect spark plug wires before working on the engine or drive elements.

- Remove the clutch guard.
- Loosen the engine holddown nuts (figure 5) securing the engine supports to engine mount straps.
- Place a straightedge on the fixed face of the drive clutch and move the engine until the offset between the straightedge and the front and rear edges of the driven clutch is set to the A dimension as shown in figure 5. Rotate driven clutch 90-degrees and repeat procedure.

A	B (TORQUE) FT-LB	MODEL NO.	ENGINE	CLUTCH
2.00	45	SD15P10C	JUC7205	78C
1.00	70	SD15P51A	1400B (99)	311
1.00	70	SD15P51B	1400B (99)	311

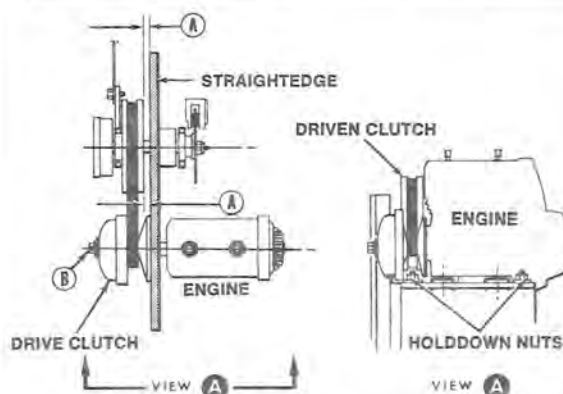


Figure 5

- Tighten engine holddown nuts and recheck alignment. Apply 25 foot-pounds torque when tightening the engine holddown nuts.

To Remove Driven Clutch

NOTE: The procedures required to remove the driven clutch are the same as those described in paragraph To Remove Variable-Speed Drive Belt.

To Remove Brake Assembly

- Remove hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect the spark plug wires before working on the engine or drive elements.

- Disconnect brake cable (3, figure 6) and housing at brake mounting bracket and at brake actuating lever.
- Remove the two bolts and lockwashers securing the mounting bracket to the driven clutch mounting.
- Remove the brake assembly.
- Installation procedures are the reverse of removal. Refer to Brake Adjustment procedures.

Brake Adjustment

Check brake action before each start to insure proper brake operation. If necessary, adjust the brake and apply Loctite antiseize lubricant to the actuating cam lever (9, figure 6) and the actual pins (10) as follows.

- To apply antiseize lubricant, remove the cotter pins (2) and the castle nut (4). Remove the actuating cam lever and apply lubricant to the cam lever surface that contacts the pins (10). Remove the pins and apply lubricant to the pins. Reassemble the cam lever and pins.

WARNING

Do not allow antiseize lubricant to contact the brake pads (5, figure 6) or disk (1). To do so will result in brake slippage.

- To adjust the brake pads (5, figure 6) to the disk (1), remove the cotter pin (2) and tighten or loosen the castle nut (4) as required to permit the brake pads (5) to just clear the brake disk. Reinstall the cotter pin.

- To adjust for excessive play in brake cable or lever position, loosen jam nuts (6) and move brake housing (3) as required. Tighten jam nuts.

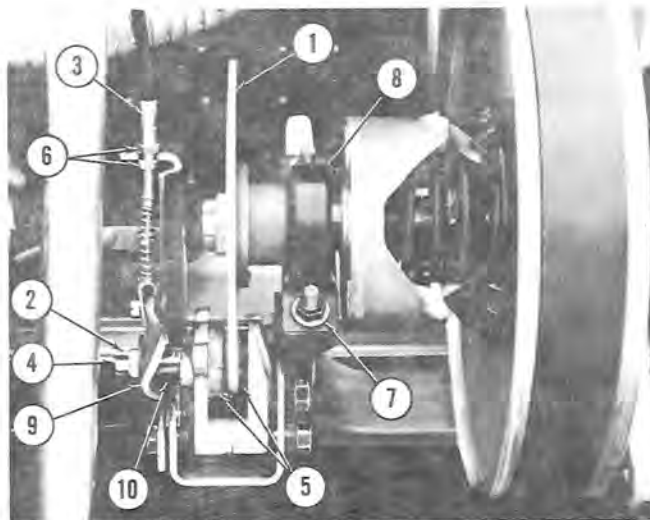


Figure 6

To Remove Carburetor

- Loosen the throttle wire adjustment screw and release throttle wire at the carburetor (see figure 7).
- Back off the screws and remove the air intake filter or baffle (figure 8) mounted on carburetor.
- Remove the impulse line at the carburetor used on the Mark IV-400 and -400D Ski-Daddlers only.
- Release the tank-to-carburetor gas line (figure 7). Wipe up any spilled gasoline immediately. NOTE: On all Mark IV-400 and -400D series Ski-Daddlers, release the carburetor-to-tank recirculating gas line at the recirculation elbow. Be certain to note the position of the gas lines to insure proper reassembly. Wipe up any spilled gasoline immediately.

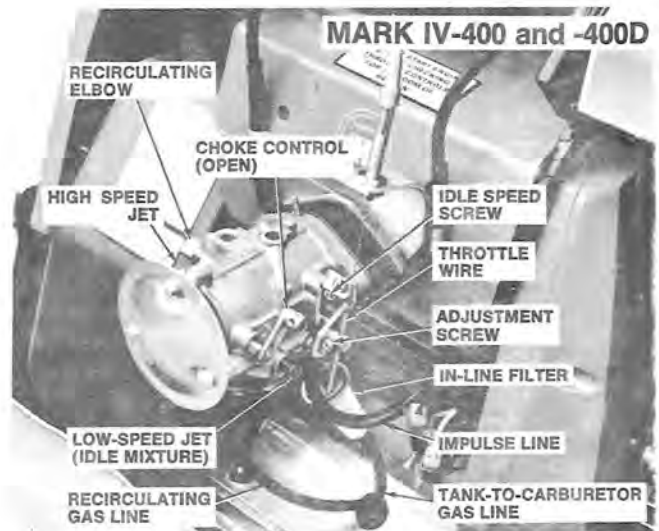


Figure 7

IMPORTANT: The Mark IV-300 uses a fuel pump (figure 8) attached to the tank-to-carburetor gas line. If necessary to replace the fuel pump, be certain to note the position of the pump to insure proper reassembly. Wipe up any spilled gasoline immediately.

- Remove the nuts securing the carburetor to the intake manifold and remove the carburetor.

NOTE: Do not damage gaskets when removing carburetor.

• Installation is the reverse of removal. Adjust carburetor as described in Carburetor Adjustment procedures.

Carburetor Adjustments

The Tillotson Model HD carburetors used on the Mark IV-400 and -400D Ski-Daddlers are equipped with a recirculation system.

CAUTION

Never run the engine with the carburetor-to-tank recirculating gas line disconnected (see figure 7).



Figure 8

The Bendix Model carburetor used on the Mark IV-300 Ski-Daddler is a float type carburetor and does not require a recirculation system. The fuel is pumped to the carburetor through an external fuel pump mounted on the tank-to-carburetor gas line. The carburetion system maintains a fuel reservoir in the float chamber to insure smooth starting and idling characteristics.

When adjusting the carburetor, best results will be obtained if the adjustments are made on a warm engine. During carburetor adjustments, DO NOT FORCE ADJUSTMENT SCREWS INTO SEATS.

• TO ADJUST CARBURETOR — Close the high-speed jet (DO NOT FORCE). Then open the high-speed jet (figure 7) to the settings shown on the carburetor settings chart for your particular engine (see figure 9).

The high- and low-speed jet adjustment screws for the Bendix carburetor used on the Mark IV-300 Ski-Daddler are located on top of the carburetor and are identified as HI and LO.

CAUTION

The engine can be seriously damaged if operated with a lean gas mixture (high-speed jet turned in too far).

• Turn the low speed jet (idle-mixture screw) shown in figure 7 all the way in (DO NOT FORCE), then open as shown in figure 9 for the particular model sled. This adjustment controls the mixture at idling speeds. A lean idle mixture will result in poor acceleration.

CARBURETOR SETTINGS CHART

MODEL NO.	ENGINE	HIGH-SPEED JET	LOW-SPEED JET
SD15P10C	JLO 295	$1\frac{1}{4} + \frac{1}{8}$ Open	$1\frac{1}{2} + \frac{1}{8}$ Open
SD15P51A	Hirth 399	$1 + \frac{1}{8}$ Open	$1 + \frac{1}{8}$ Open
SD15P51B	Hirth 399	$1 + \frac{1}{8}$ Open	$1 + \frac{1}{8}$ Open

NOTE: The carburetor settings shown are for normal operation at sea level. For high altitude operation and for extreme temperature variations, the settings may have to be adjusted accordingly.

Figure 9

Keep the idle speed slower than the clutch engaging speed by adjusting the idle-speed screw. NOTE: Do not use the low-speed jet to adjust for idle speed.

NOTE: Figure 7 shows a throttle-wire adjustment screw. If the throttle plate fails to open completely when the throttle control lever is depressed, loosen the throttle-wire adjustment screw and readjust the wire as required to open the throttle.

To Remove Engine and Support Assembly

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect the spark plug wires before working on the engine or drive elements.

- Remove the drive clutch. Refer to paragraph To Remove Drive Clutch.

- Loosen the flexible tube clamps securing the muffler exhaust tube to the engine exhaust manifold and release the exhaust tubes.

- Disconnect the throttle wire and remove the carburetor as described in paragraph To Remove Carburetor.

- Disconnect the wire leads and the ground wire at the engine. Refer to the applicable wiring diagram to insure proper reassembly.

- Remove the heat shield located between the engine and the muffler. Remove the attaching hardware at the muffler bracket, heat shield bracket and at the top near the steering column.

- Remove the locknuts and washers securing the engine mounting straps to the main frame. NOTE: During reassembly, tighten the locknuts just sufficiently to permit the washers to be turned by hand — then tighten the locknuts one additional turn.

- Lift the engine until the engine mounting straps clear the studs. Rotate the engine counterclockwise and remove the engine toward the rear and clear of the sled.

- Remove the carriage bolts, washers and locknuts securing the mounting straps to the engine base. Remove the mounting straps and bar washers. NOTE: During reassembly, the mounting straps and bar washer must be secured to the engine base before installing the replacement engine.

- Installation procedures are the reverse of removal.

To Remove Gas Tank

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect spark plug wires before working on the engine or drive elements.

- Check gas cap and indicator assembly to be certain tank is empty, or nearly empty.

- Remove the gas cap and indicator assembly (1, figure 10).

- Remove the bolts (3) and washers securing the gas spill chute (2) to the main frame and remove the gas spill chute.

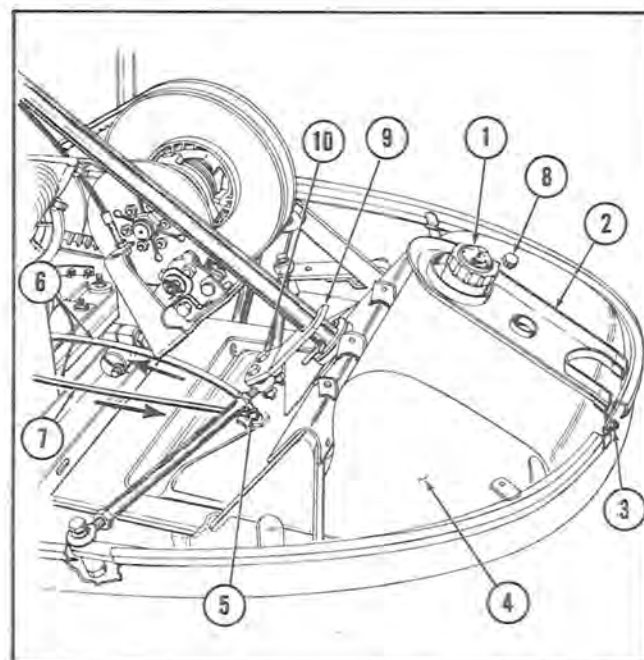


Figure 10

- Disconnect the tank-to-carburetor gas line (6) and, on the Mark IV-400 and -400 D series the recirculating gas line (7) at the gas tank outlet fitting (5). Wipe up any spilled gasoline immediately.

- Remove the gas tank (4) by carefully sliding the tank up and away from main frame. **IMPORTANT:** Do not damage the gas tank outlet (5) when removing the tank.

CAUTION

Do not attempt to make any repairs to the gas tank. Use extreme care when removing the gas tank. Do not remove tank near flame or open fire.

- Gas tank installation procedures are the reverse of removal. **NOTE:** If the original tank is not to be installed, it will be necessary to remove the gas tank outlet (5) and the attached gas line filter; also the pressure relief valve (8). These items are to be installed on the replacement tank.

To Remove Muffler

- Remove the hood and headlight assembly. Refer to Hood Removal and Installation.

CAUTION

Always disconnect the spark plug wires before working on the engine or drive elements.

- Loosen the flexible tube clamp securing the flexible exhaust tube to the muffler and release the tube. **NOTE:** All Mark IV-400 series Ski-Daddlers have dual exhaust tubes and muffler.

- Loosen the bolt and nut securing the muffler to the mounting band assembly. Remove the muffler.

- Installation procedures are the reverse of removal.

To Remove Bogie Wheel – Mark IV-300 and -400 only

CAUTION

Always disconnect the spark plug wires before working on the engine or drive elements.

- Raise back end of Ski-Daddler so that traction belt clears the ground.

- Remove the locknut (3, figure 11) securing the bogie wheel assembly (2) to the axle shaft and remove the wheel.

- During reassembly, torque the locknut (3) to 28 foot-pounds. Be certain the wheel assembly (2) is installed with grease fittings on the outside.

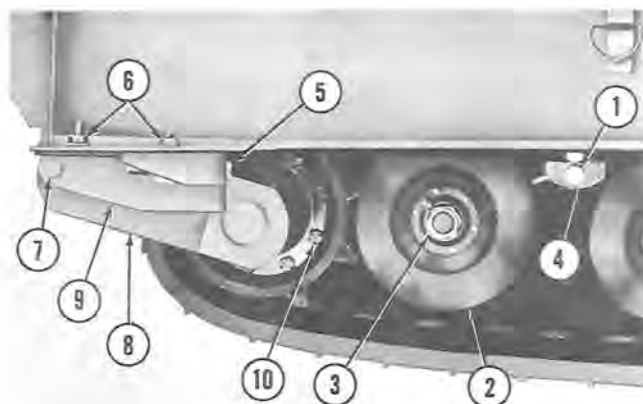


Figure 11

To Remove Bogie Wheel and Support Assembly – Mark IV-300 and -400 only

CAUTION

Always disconnect the spark plug wires before working on the engine or drive elements.

- Raise back end of Ski-Daddler so traction belt clears the ground.

- Remove the screws (1, figure 11) and washers securing the bogie wheel support shaft (4) to the main frame.

- Remove the bogie wheel and support assembly.

- Reassembly is the reverse of removal.

To Remove Bogie Wheel Torsion Springs – Mark IV-300 and -400 only

- Remove the bogies as described in paragraph To Remove Bogie Wheel and Support Assembly.

- Remove the support shaft and separate the bogie wheel support halves.

- Pry the tabs up sufficiently to remove the torsion springs. **NOTE:** The torsion springs are identified as right- and left-hand springs. Note the direction of the coils and the position of the springs to facilitate reassembly.

- Reassembly is the reverse of removal.

To Remove Traction Belt Take-Up Assembly — Mark IV-300 and -400 only

- Remove the rear bogies. Refer to paragraph To Remove Bogie Wheel and Support Assembly.

- Release track tension by loosening adjusting bolts (5, figure 11).

- Release the support arm torsion springs connected to the main frame.

- Remove the right- and left-hand adjusting angle locknuts (6), washers and carriage bolts securing the traction belt take-up assembly to the main frame.

- Remove the traction belt take-up assembly as a unit.

NOTE: The traction belt take-up assembly consists of the rear sprocket assembly, spacer and associated hardware held together by the rear support arm assemblies. If necessary to remove seals, sprockets or idler wheel, proceed as follows.

- Carefully pry the oil seal away from the rear support arm assembly (8, figure 11) and remove the support arm and adjusting angle (9) clear of the sprocket shaft and bearing.

- Remove the press-on bearings and oil seals. During reassembly repack bearings with No. 2 lithium bearing grease.

- Remove the screws (10) and nuts securing the sprocket plate and the sprocket to the drive shaft. Remove the plate and sprocket.

- To remove the idler wheel, remove the screws (10) and nuts securing the sprocket plates and remove the idler wheel by stretching the wheel over the sprocket plates.

- Reassembly is the reverse of removal. During reassembly follow instructions outlined in paragraphs Track Alignment and Track Tension Adjustment.

To Remove Sprocket Seals and Bearings — Mark IV-300 and -400 only

- Sprocket seals and bearings are located on each end of the traction belt take-up assembly and the drive sprocket assembly drive shafts. To replace the seals or bearings it will be necessary to remove the traction belt take-up assembly or the drive sprocket assembly as described in the applicable paragraph.

To Remove Drive Sprocket Assembly

- Remove the hood and headlight assembly and set the machine on its right-hand side.

CAUTION

Always disconnect spark plug wires before working on the engine or drive elements.

- Remove the locknut securing the chain cover and remove the chain cover top.

- Remove the lower sprocket from the drive sprocket shaft and remove the sprocket and chain as described in paragraph To Remove Drive Chain.

- On Mark IV-400D only, remove the suspension assembly. Refer to paragraph To Remove Suspension Assembly.

- On Mark IV-300 and -400 only, remove the bogie wheel and support assemblies. Refer to paragraph To Remove Bogie Wheel and Support Assembly.

- On Mark IV-300 and -400 only, remove the traction belt take-up assembly. Refer to paragraph To Remove Traction Belt Take-Up Assembly.

- Using a screw driver, carefully pry the oil seals (figure 12) away from the bearings at each end of the drive shaft.

- Remove the carriage bolts and nuts securing the bearing retainer to the chain case side of the main frame. Remove the retainer. During reassembly apply No. 2 lithium bearing grease to the bearing retainers.

- Move the drive shaft and sprocket assembly toward the chain side until the opposite end of the shaft clears the bearing retainer. Remove the drive sprocket assembly.

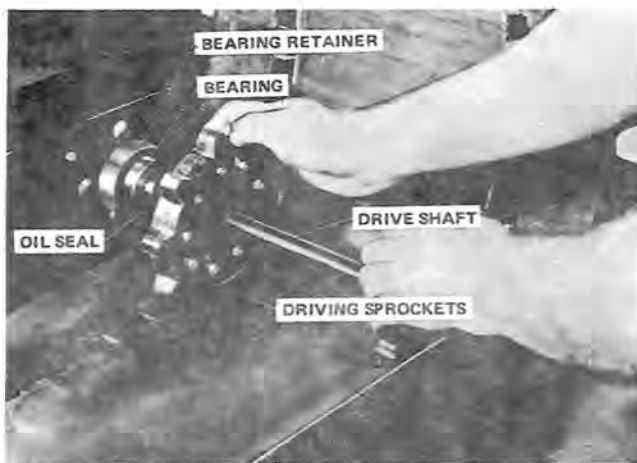


Figure 12

- To replace the sprockets, remove the ball bearing and oil seal. Remove the screws and nuts securing the support plate and sprocket to the drive shaft and sprocket plate assembly. Remove the sprocket.

- Remove the screws and nuts securing the sprocket plates to the idler wheel. Remove the idler wheel by stretching wheel over the sprocket plate.

- Reassembly is the reverse of removal. During reassembly follow instructions outlined in the paragraphs Track Tension Adjustment, Track Alignment and Drive Chain Adjustment for the applicable sled.

To Remove Suspension Assembly — Mark IV -400D only

- Remove the hood assembly and set the machine on its right-hand side.

CAUTION

Always disconnect spark plug wires before working on the engine or drive elements.

- Remove the screws (figure 13) and lockwashers securing the back end of the suspension assembly to main frame.

- Pivot the suspension assembly and traction belt about the front axle to approximately 90-degrees.

- Remove screws and lockwashers securing the suspension assembly to the front end of the main frame and remove the suspension assembly.

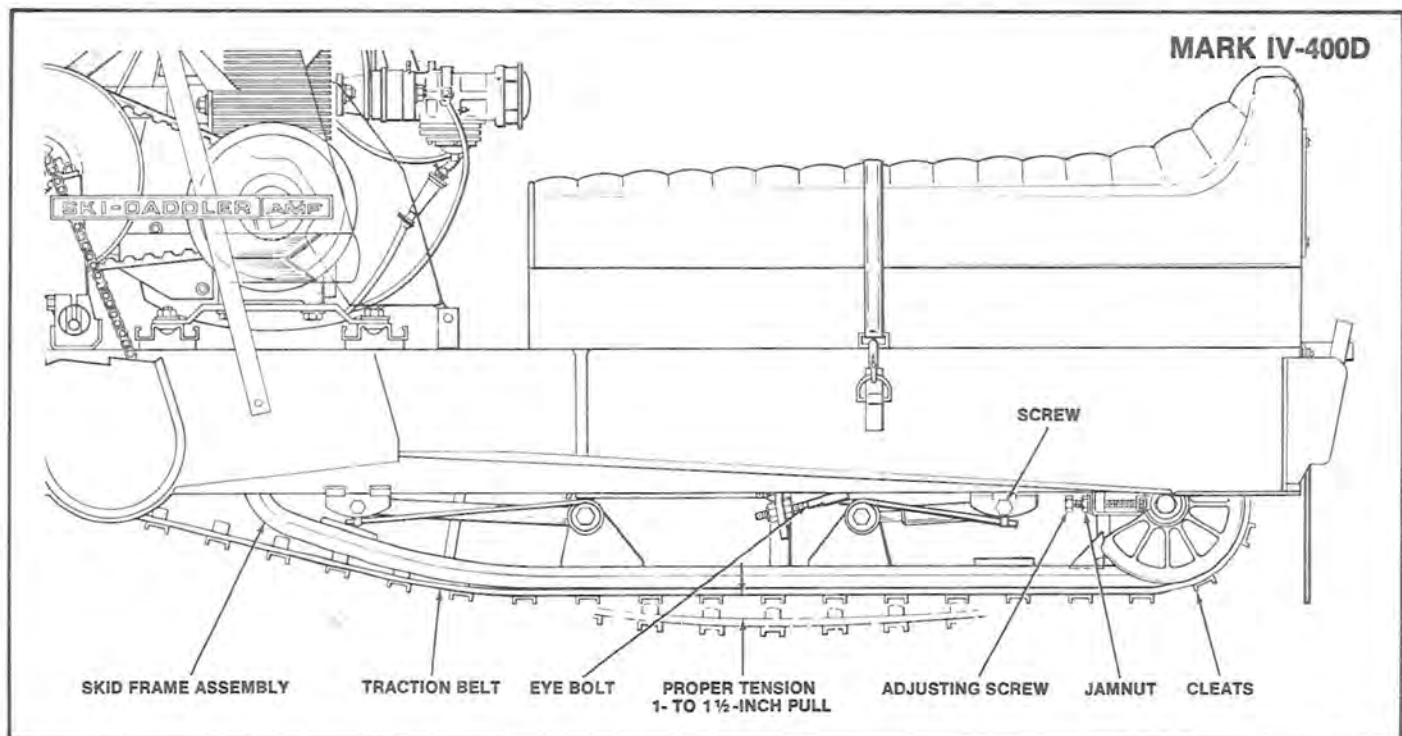


Figure 13

- Installation is the reverse of removal. During reassembly, follow the instructions outlined in paragraphs Traction Belt Tension Adjustment, Traction Belt Alignment and Suspension System Adjustment for Mark IV-400D.

To Remove Traction Belt — Mark IV-400D only

To remove or replace the traction belt it is necessary to first remove the suspension assembly and then the drive sprocket assembly. Refer to the applicable paragraphs for removal procedures.

IMPORTANT: When installing the traction belt, follow the instructions outlined in paragraphs Traction Belt Tension Adjustment, Traction Belt Alignment and also recheck Suspension System Adjustment for the Mark IV-400D.

To Remove Traction Belt — Mark IV-300 and -400 only

- Remove the bogie assemblies. Refer to paragraph To Remove Bogie Wheel and Support Assembly.

- Remove the traction belt take-up assembly. Refer to paragraph To Remove Traction Belt Take-Up Assembly. **NOTE:** It is not necessary to disassemble the traction belt take-up assembly when removing the traction belt.

- Remove the drive sprocket assembly. Refer to paragraph To Remove Drive Sprocket Assembly.

- Remove the traction belt.

- Reassembly is the reverse of removal. During reassembly follow instructions given in paragraphs Traction Belt Alignment, and Drive Chain Adjustment for the Mark IV-300 and -400 only.

Traction Belt Adjustment

IMPORTANT: The traction belt must be checked regularly for proper alignment and tension. When necessary to adjust the belt, first perform the traction belt alignment and then complete the traction belt tension adjustment for the applicable sled.

Traction Belt Alignment — Mark IV-400D only

- Set the snowmobile on a level surface and raise the back end.

- Stand to the rear of sled and visually check the space between the slide rail and the edges of the track. **NOTE:** On a properly aligned track this space should be the same. Start the engine and again visually check to be certain the track remains centered while the track is running.

- If the track is not centered, stop the engine and on that side where the edge of the track is closest to the slide rail, rotate the adjusting screw (figure 13) until track is centered. Pull the track for a few revolutions and then start the engine and recheck alignment. Stop the engine and lock the adjustment screw in this position.

- After track alignment is complete, check track tension as described in paragraph Traction Belt Tension Adjustment - Mark IV-400D only.

Traction Belt Alignment — Mark IV-300 and -400 only

- Set the snowmobile on a level surface and raise the back end so the traction belt clears the ground.

- Stand to rear of sled and visually check the space between the frame tunnel and the edges of the traction belt. On a properly aligned track this space should be the same.

- If the track is not centered, loosen the two locknuts (1, figure 14) on that side where the edge of the track is closest to the inside edge of the tunnel. Tighten the adjusting screw (3) until track is centered.

CAUTION

Never run the engine inside a building without first opening all doors and windows to insure proper ventilation.

- With the back end of the snowmobile raised, start the engine. Allow track to rotate several turns and then recheck track alignment to ensure that proper alignment is maintained.

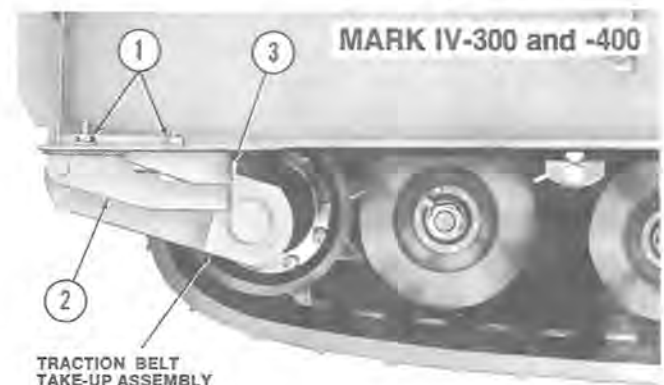


Figure 14

- After track alignment is complete, tighten all locknuts (1) and then check traction belt tension as described in the paragraph Traction Belt Tension Adjustment — Mark IV-300 and -400 only.

Traction Belt Tension Adjustment — Mark IV-400D only

- Set the snowmobile on a clean, flat surface and raise the back end of the sled.

- Check traction belt tension by firmly pulling the track downward at the center of the track. A properly tensioned track should have a 1- to 2-inch clearance between the Hi-Fax runner and the track cleats at the approximate bottom center of the track. **NOTE:** Do not attempt this with the engine running. Traction belt cleats are sharp and must be handled carefully.

- If adjustment is necessary, loosen the locknuts (figure 13) on each side of the sled and rotate the adjusting screws as required to obtain proper track tension. **IMPORTANT:** Adjust both screws equally so as not to disturb the track alignment. Retighten the locknuts on both sides of the snowmobile.

CAUTION

Never run the engine inside a building without first opening all doors and windows to insure proper ventilation.

- Raise the back end of the snowmobile until the track clears the ground. Start the engine and allow the track to rotate several turns. Then, stop the engine and repeat the track tension adjustment procedure to ensure that proper tension is maintained.

Suspension System Adjustment — Mark IV-400D only

The suspension system may be adjusted for a soft or firm ride, or for varying snow conditions. If a firmer ride is desired, adjust the locknuts (figure 13) to tighten the eyebolts located on each side of the track. Loosen the eyebolts if a softer ride is desired. Adjust front or rear sets of eyebolts equally.

Traction Belt Tension Adjustment — Mark IV-300 and -400 only

IMPORTANT: Always check the traction belt for proper alignment before performing the traction belt tension adjustment procedures.

- Set the snowmobile on a clean, flat surface.

NOTE: A properly tensioned track should have a 1/2- to 1-inch sag at the approximate top center of the track. This can be determined as follows:

- Rest a straight bar (figure 15) of sufficient length along the top surface and near the edge of the track. Insert the straight bar through the back end of the snowmobile and check for proper sag. Repeat procedure on opposite side and note the difference, if any, in the track tension.

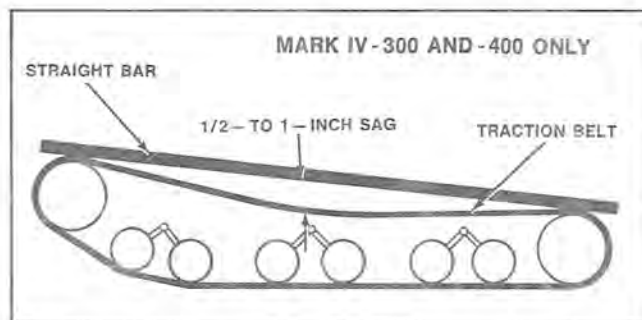


Figure 15

- If adjustment is necessary, loosen the two locknuts (1, figure 14) on each side of the sled just sufficiently to allow movement of the belt-adjusting angle (2).

- Turn the adjusting screws (3) clockwise to tighten and counterclockwise to loosen until proper track tension is achieved. **IMPORTANT:** Adjust both screws (3) equally so as not to disturb the track alignment.

CAUTION

Never run the engine inside a building without first opening all doors and windows to insure proper ventilation.

- Raise the back end of the snowmobile until the track clears the ground. Start the engine and allow track to rotate several turns. Then repeat the track tension adjustment procedure to ensure that proper tension is maintained.

- Retighten the locknuts (1, figure 14) on both sides of the snowmobile.

Spark Plug Replacement

To maintain good engine performance the condition of the spark plugs should be checked periodically and the gap reset to 0.020-inch using wire gauge. During reassembly, apply 18 to 20 foot-pounds torque.

Spark plug condition may be determined by the color. A carbonized plug is black; a burnt plug is pale grey, whereas a normal functioning spark plug is brown.

When replacing spark plugs, use a K-8 plug for light service and a K-7 plug for severe service to insure proper spark plug heat ranges for your particular engine. NOTE: Replacement plugs should be U.S. Champion, AC spark plugs or equivalent available at your authorized Ski-Daddler Dealer.

Wiring Diagrams

Electrical wiring diagrams are provided for the trained technicians using this manual. Each diagram is identified with the model number of the snowmobile to which it applies (see figures 16 and 17).

Troubleshooting

ENGINE HARD TO START. Fuel line blocked or leaking; ruptured fuel-pump diaphragm; water in fuel, flooded, loose impulse line; ignition or switch wiring loose or grounded; spark plug(s) fouled or faulty; contact breaker points pitted or burned.

ENGINE STOPS. Fuel tank empty; fuel flow obstructed; ignition system faulty. Spark plug(s) fouled or dirty. Engine too hot and pistons seizing; carburetor setting too lean or incorrect grade of oil being used, impulse line loose.

ENGINE STOPS, FUEL TANK HALF EMPTY. Be certain the gas tank-to-carburetor line used on all the Mark IV-400 and -400D series Ski-Daddlers is connected to the OUT fitting on the gas tank outlet and to the inlet fitting on the carburetor. The recirculating, carburetor-to-tank line must be connected to the IN fitting on the gas tank outlet (figure 10) and to the recirculating elbow (figure 7).

ENGINE OPERATES IRREGULARLY. Spark plug loose, fouled or faulty; ignition switch wiring grounded; carburetor out of adjustment or dirty. Engine holddown bolts loose; ignition timing off.

ENGINE WORKING FOUR-STROKE. Choke shut; carburetor settings incorrect; dirt preventing carburetor inlet needles from seating properly.

ENGINE LOSES POWER. Poor compression due to loose head and crankcase bolts. Faulty ignition; timing; piston rings sticking due to the use of improper oil. Carbon deposits in cylinder.

ENGINE BACKFIRES THROUGH CARBURETORS. Carburetor fuel-supply channel clogged. Carburetor set too lean.

ENGINE BACKFIRES THROUGH EXHAUST. Incorrect or faulty spark plug(s); faulty ignition coil or condenser; loose ignition wiring.

ENGINE OVERHEATS. Insufficient or incorrect grade oil in fuel mixture; carburetor or fuel line partly clogged; carburetor setting too lean; ignition timing too slow.

EXCESSIVE FUEL CONSUMPTION. Carburetor fuel line or gas tank leaking; choke closed; incorrect carburetor setting.

THROTTLE CONTROL. Excessive play in throttle control lever caused by loose throttle control cable.

STEERING. Poor steering ability caused by improperly adjusted skis; steering linkage loose or out of adjustment. U-bracket bolts on roll bar too tight or too loose. Spring, U-bracket loose.

BRAKES. Excessive play in handbrake due to loose brake cable or worn pads.

TRACTION BELT. Poor traction; check traction belt for alignment and tension; worn sprockets or flipped bogies on Mark IV-300 and -400 only.

CLUTCH. Automatic clutch fails to engage at proper RPM's as shown in the following chart. Check variable-speed drive belt for proper tension alignment.

NOTE: Drive clutch engagement speeds for the Mark IV-400 and -400D may be increased to 2600 to 2800 engine RPM's by repositioning the clutch ramp plate from level No. 1 to position level No. 2.

CLUTCH ENGAGEMENT SPEEDS		
CLASS	ENGINE	ENGINE RPM
MARK IV-300	JLO 295	2300 to 2500
MARK IV-400D	Hirth 399	2400 to 2600
MARK IV-400	Hirth 399	2400 to 2600

WIRING DIAGRAM, MARK IV-300

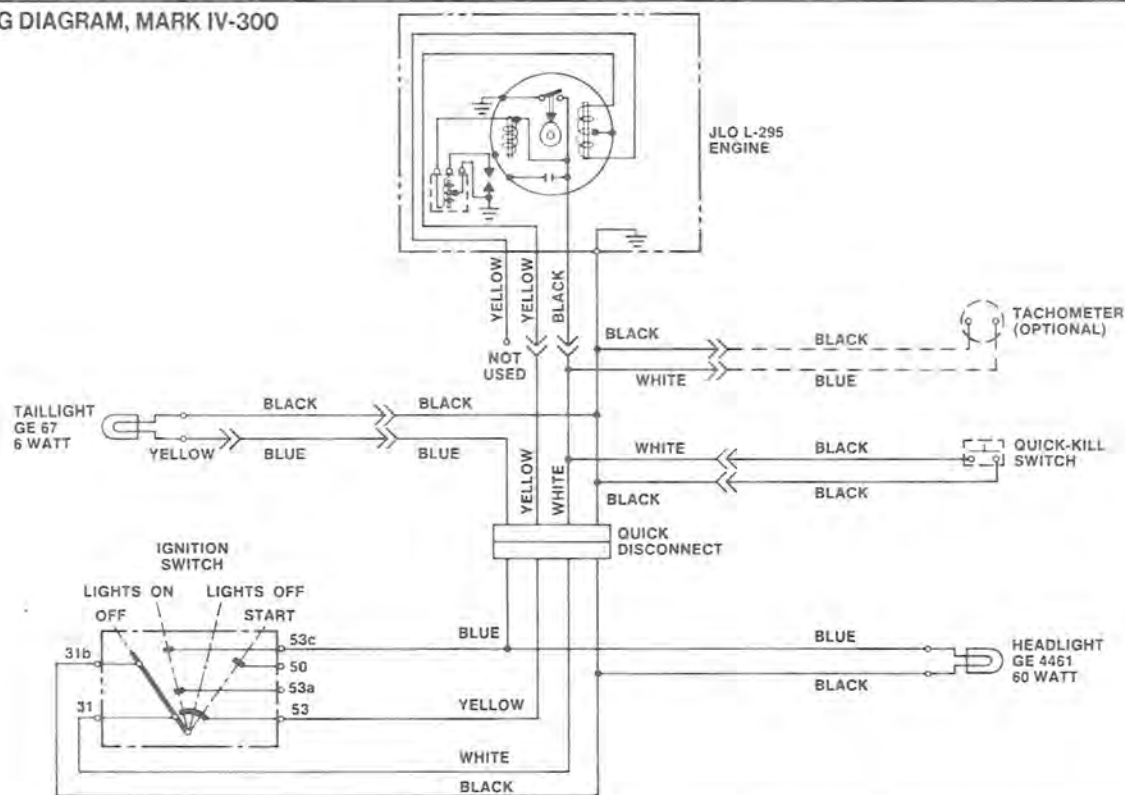


Figure 16

WIRING DIAGRAM, MARK IV-400 and -400D

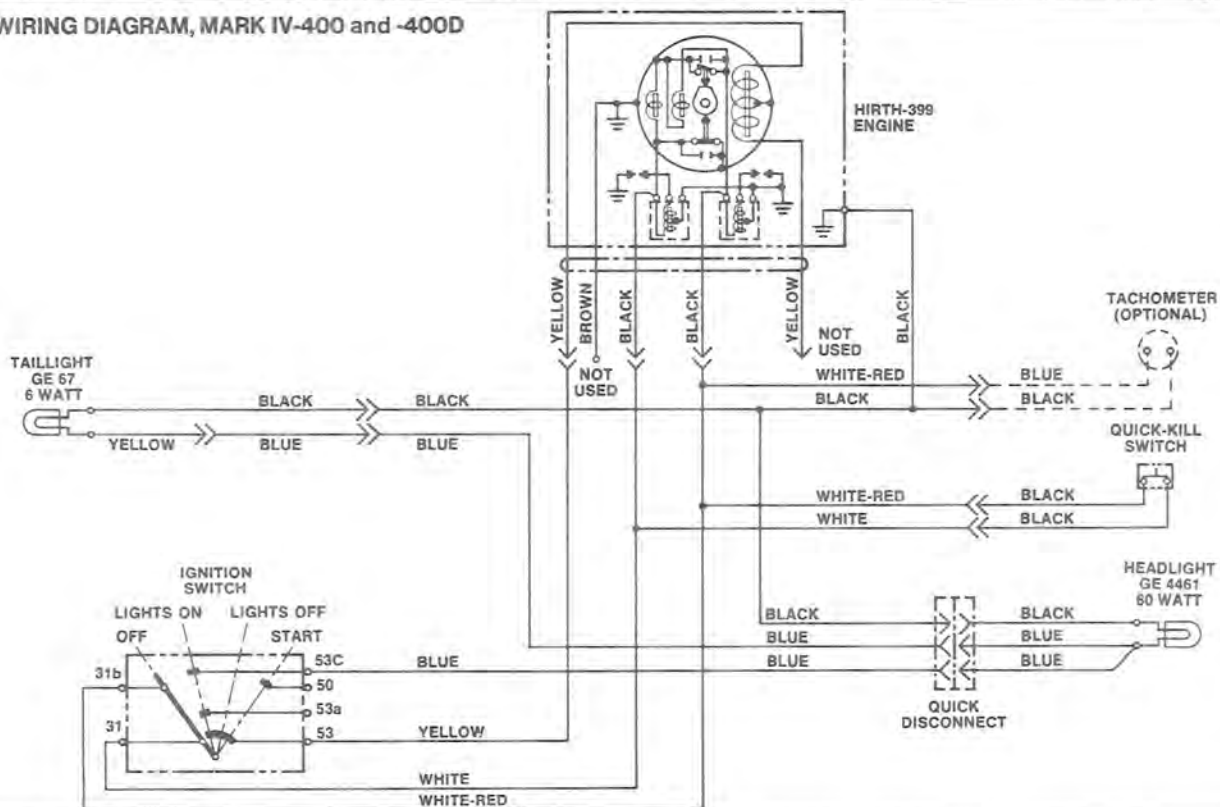


Figure 17

ILLUSTRATED PARTS LIST

This section of the dealer's manual consists of an illustrated parts list and a numerical index.

PARTS LIST

The parts-list consists essentially of exploded-view illustrations keyed to the figure-reference column by index numbers. The Parts List is arranged in the following columns:

Figure-and-Index Number. The number preceding the dash refers to the figure number on which the item is shown. The number following the dash is the index number keyed to the item shown on the exploded view.

Part Number. The part number column identifies the item by its assigned part number.

Description. The description column identifies the part with descriptive nomenclature.

Quantity. This column provides the total number of items required per assembly.

Model Code. This column identifies, by code letter, the Ski-Daddler models for which the part applies. The following lists the code-to-model relationship:

Model	Code	Series
SD15P10C	A	MKIV-300
SD15P51A	B	MKIV-400D
SD15P51B	C	MKIV-400

Where no code letter appears in the code column, the part is used on all models to which the particular figure applies.

All model codes will be listed at the bottom of each parts list page to provide a ready reference.

NUMERICAL INDEX

The numerical index is provided to afford dealers and distributors with a means of determining to which models their stock applies. The index consists of the following three columns:

Part-Number Column. The part-number column tabulates all parts called out in the parts list. The part numbers are listed in numerical order starting with the first digit in the number.

Index-Number Column. The index-number column reflects the figure-and-index number of the part within the Parts List. The number preceding the dash refers to the figure number on which the item is shown. The number following the dash locates the item within the given figure.

Quantity Column. The quantity column reflects the total number of parts required for the particular figure-and-index-number application. In certain cases, quantities differ between sled models. This circumstance is covered by providing the larger quantity for the particular figure-and-index number. In referring to the given figure-and-index number in the parts-list section, the proper quantity per sled may be determined.

Figure 1 (1 of 2)

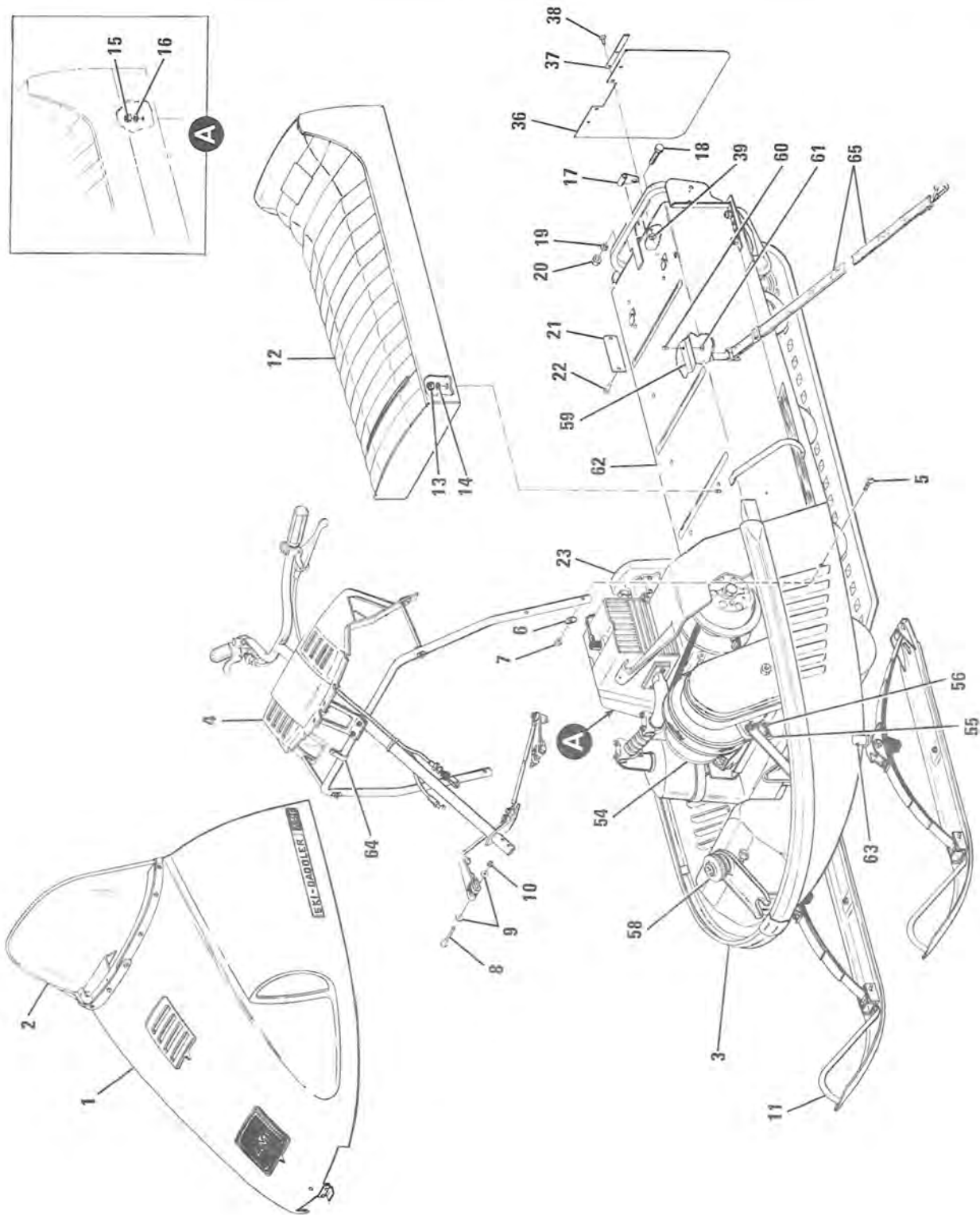


Figure & Index Number	Part Number	Description	Qty	Model Code
1-	1003100	SKI-DADDLER, MARK IV, MODEL NO. SD15P10C	1	A
	1003101	SKI-DADDLER, MARK IV, MODEL NO. SD15P51A	1	B
	1003105	SKI-DADDLER, MARK IV, MODEL NO. SD15P51B	1	C
-1	1003197	HOOD AND HEADLIGHT ASSEMBLY (See figure 2)	1	A
	1003238	HOOD AND HEADLIGHT ASSEMBLY (See figure 2)	1	BC
-2	1003525	WINDSHIELD, 15 IN.	1	
-3	1003461	BUMPER ASSEMBLY, RH (See figure 2)	1	
	1003462	BUMPER ASSEMBLY, LH (See figure 2)	1	
-4	1003189	ROLL BAR AND STEERING ASSEMBLY (See figure 3)	1	A
	1003356	CONSOLE AND STEERING ASSEMBLY (See figure 3)	1	B
	1003190	CONSOLE AND STEERING ASSEMBLY (See figure 3)	1	C
-5	9415426	SCREW, Truss HD, 1/4-28 THD by 1-1/2 IN. LG	4	
-6	33808	WASHER, Formed	4	
-7	9000123	LOCKNUT, 1/4-28 THD	4	
-8	181648	SCREW, HEX HD, 3/8-24 THD by 2 IN. LG	2	
-9	120394	WASHER, Plain, 13/32 IN. ID	4	
-10	9000125	LOCKNUT, 3/8-24 THD	2	
-11	1003163	SKI AND SPRING ASSEMBLY (See figure 3)	2	A
	1003389	SKI AND SPRING ASSEMBLY (See figure 3)	2	B
	1003219	SKI AND SPRING ASSEMBLY (See figure 3)	2	C
-12	1003340	SEAT AND TAIL LAMP ASSEMBLY (See figure 4)	1	A
	1003304	SEAT AND TOOL BOX ASSEMBLY (See figure 4)	1	BC
-13	9413314	LOCKNUT, 1/4-20 THD	2	A
	9000123	LOCKNUT, 1/4-28 THD	4	BC
-14	450590	WASHER, Plain, 9-32 IN. ID by 5/8 IN. OD	2	A
	446188	WASHER, Plain, 17/64 IN. ID by 5/8 IN. OD	4	BC
-15	9000124	LOCKNUT, 5/16-24 THD	2	BC
-16	274865	WASHER, Plain	2	BC
-17	37351	HINGE, Hitch	1	
-18	181581	BOLT, HEX HD, 1/4-28 THD by 2-1/2 IN. LG	1	
-19	120392	WASHER, Plain, 9/32 IN. ID by 5/8 IN. OD	1	
-20	9000123	LOCKNUT, 1/4-28 THD	1	
-21	37122	MODEL TAG, Ski-Daddler	1	AC
	1003350	MODEL TAG, Ski-Daddler	1	B
-22	9000821	POP RIVET	2	
-23	1003180	ENGINE AND SUPPORT ASSEMBLY (See figure 5)	1	A
	1003181	ENGINE AND SUPPORT ASSEMBLY (See figure 6)	1	BC
-24	9000324	BOLT, Carriage, 3/8-24 THD by 2-1/4 IN. LG	4	
-25	32532	NUT	4	
-26	32528	BUSHING	4	BC
-27	1003026	SPACER, Rubber	4	A
	33769	SPACER, Rubber	4	BC
-28	37595	WASHER, 13/32 IN. ID by 1-1/2 IN. OD	4	
-29	9000125	LOCKNUT, 3/8-24 THD	4	

A — SD15P10C

B — SD15P51A

C — SD15P51B

Figure 1 (2 of 2)

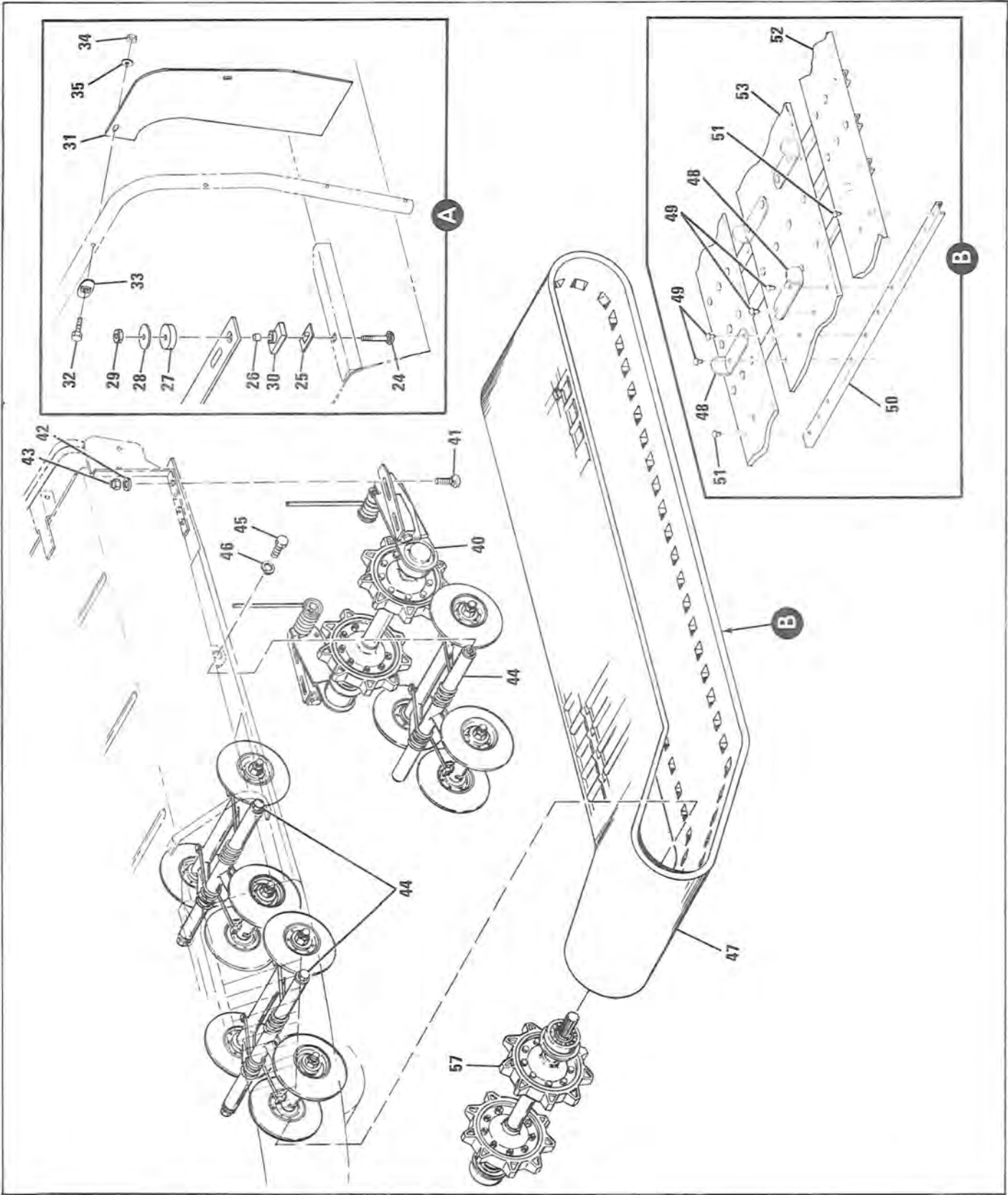


Figure & Index Number	Part Number	Description	Qty	Model Code
1-30	1003028	SHOCK MOUNT	4	A
	33768	SHOCK MOUNT	4	BC
-31	1003324	HEAT SHIELD	1	BC
-32	9415426	SCREW, Truss HD, 1/4-28 THD by 1/2 IN. LG	1	BC
-33	33808	WASHER, Formed	1	BC
-34	9000123	LOCKNUT, 1/4-28 THD	1	BC
-35	147579	WASHER, Plain	1	BC
-36	1003365	MUD FLAP, 15-IN.	1	B
-37	1003366	STRAP	2	B
-38	436752	SCREW, PAN HD, 10-32 THD by 3/8 IN. LG	4	B
-39	9000122	LOCKNUT, 10-32 THD	4	B
-40	1002092	TRACTION BELT TAKE-UP ASSEMBLY (See figure 7)	1	AC
	1003372	SUSPENSION ASSEMBLY, 15-IN. (See figure 9)	1	B
-41	9000323	BOLT, Carriage 5/16-24 THD by 3/4 IN. LG	2	AC
-42	456145	WASHER, Flat, 5/16 IN. ID	2	AC
-43	9000124	LOCKNUT, 5/16-24 THD	2	AC
-44	37083	BOGIE ASSEMBLY (See figure 8)	3	AC
-45	181595	SCREW, HEX HD, 5/16-24 THD by 3/4 IN. LG	6	AC
-46	138485	LOCKWASHER	6	AC
-47	34960	BELT, Traction, 15-inch	1	AC
	1003371	BELT, Traction, 15-inch	1	B
-48	1002803	GUIDE, Track	21	B
-49	9000828	RIVET	42	B
-50	1002808	CLEAT, 10-hole	41	B
-51	9000827	RIVET	368	B
-52	1003434	BELT, Track, 3-inch	2	B
-53	1003433	BELT, Track, 6-inch	1	B
-54	1003173	DRIVEN CLUTCH AND CASTING ASSEMBLY (See figure 10)	1	A
	1003174	DRIVEN CLUTCH AND CASTING ASSEMBLY (See figure 10)	1	BC
-55	181643	BOLT, HEX HD, 3/8-24 THD by 1-1/2 IN. LG	2	
-56	120382	LOCKWASHER, Spring, 3/8 IN. OD	2	
-57	37113	DRIVE SPROCKET ASSEMBLY (See figure 10)	1	AC
	1002618	DRIVE SPROCKET ASSEMBLY (See figure 10)	1	B
-58	37683	GAS CAP ASSEMBLY, Tank (See figure 11)	1	
-59	1002642	BODY STRIP, Wear	2	B
-60	9000823	POP RIVET, 5/32 DIA	20	B
-61	446143	WASHER, 3/16 IN. ID	20	B
-62	1003142	MAIN FRAME ASSEMBLY, Weldment	1	A
	1003143	MAIN FRAME ASSEMBLY, Weldment	1	B
	1003144	MAIN FRAME ASSEMBLY, Weldment	1	C
-63	706	GREASE FITTING	2	
-64	37389	CABLE TIE	1	
-65	1003271	PASSENGER GRIP, Short	1	A
	1003261	PASSENGER GRIP, Long	1	BC

A — SD15P10C

B — SD15P51A

C — SD15P51B

Figure 2

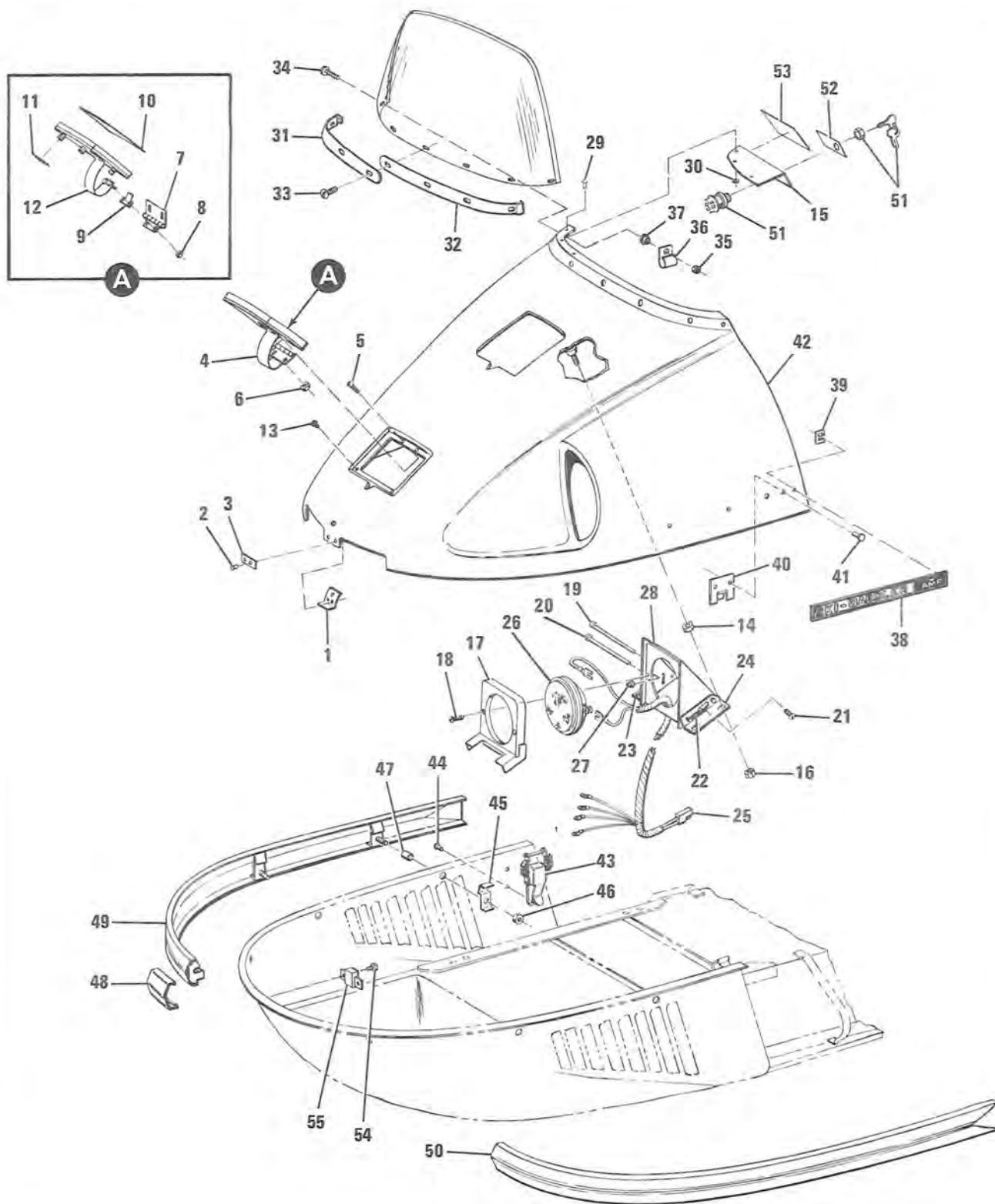


Figure & Index Number	Part Number	Description	Qty	Model Code
2-	1003197	HOOD AND HEADLIGHT ASSY (See figure 1)	REF	A
	1003238	HOOD AND HEADLIGHT ASSY (See figure 1)	REF	BC
-1	34984	CLIP, Hood	1	
-2	34271	RIVET	3	
-3	37045	PLATE, Hood	1	
-4	1003354	GAS LID AND HINGE ASSY	1	A
	37000	GAS LID AND HINGE ASSY	1	BC
-5	132908	SCREW, RD HD, 10-32 THD by 1/2 IN. LG	2	
-6	9000122	LOCKNUT, 10-32 THD	2	
-7	37006	HINGE ASSEMBLY	1	
-8	9000122	LOCKNUT, 10-32 THD	2	
-9	37005	SPRING, Flat	1	
-10	1003312	DECAL	1	A
	34991	ESCUTCHEON, Gas cover	1	BC
-11	445170	NUT, Spring, 3/16 IN.	4	BC
-12	37001	GAS LID ASSEMBLY	1	
-13	37051	RUBBER BUMPER, Gas lid	2	
	*1003301	HEADLIGHT ASSEMBLY	1	A
	*1003214	HEADLIGHT ASSEMBLY	1	BC
-14	124818	JAM NUT, HEX HD, 1/4-20 THD	4	
-15	1003253	PLATE, SWITCH	1	A
-16	34058	LOCKNUT, 1/4-20 THD	4	
-17	1003213	COVER ASSEMBLY, Headlight	1	A
	37055	COVER ASSEMBLY, Headlight	1	BC
-18	437028	SCREW, PAN HD, 8-32 THD by 1-1/4 IN. LG	2	
-19	35027	SHAFT, Pivot	1	
-20	35028	SHAFT, Spring	1	
-21	9414492	SCREW, Truss HD, 8-32 THD by 3/8 IN. LG	4	
-22	35029	SPRING, Extension	2	
-23	35023	BRACKET, RH	1	
-24	35024	BRACKET, LH	1	
-25	1003215	HARNESS, Hood	1	A
	1003276	HARNESS, Hood	1	BC
-26	9000884	HEADLIGHT	1	
	37009	HOUSING ASSEMBLY (Consists of items 27 and 28)	1	
-27	9000461	RIVNUT, 8-32 THD	2	
-28	35022	HOUSING	1	
-29	9000824	POPRIVET	4	A
-30	446152	WASHER	4	A
-31	37033	TRIM STRIP, RH	1	
-32	37034	TRIM STRIP, LH	1	A
-33	9000941	SCREW, Truss HD, 1/4-20 THD by 5/8 IN. LG	6	
-34	9000942	SCREW, Truss HD, 1/4-20 by 7/8 IN. LG	1	

* Includes applicable items -17 through -28.

A — SD15P10C
B — SD15P51A
C — SD15P51B

Figure & Index Number	Part Number	Description	Qty	Model Code
2-35	9413314	LOCKNUT, 1/4-20 THD	1	A BC
-36	1002166	CABLE TIE	1	
-37	9000555	JACKNUT, Molly	7	
-38	34992	ESCUTCHEON, Side	2	
-39	445170	NUT, Spring	6	
-40	35011	STRIKE	2	
-41	34271	RIVET	4	
-42	1003252	HOOD AND SWITCH PLATE ASSEMBLY	1	
	35017	HOOD	1	
-43	34989	CATCH, Hood	2	
-44	34271	RIVET	4	
-45	35005	GUIDE, Hood	6	
-46	9000123	LOCKNUT, 1/4-28 THD	6	
-47	34983	SPACER, Bumper	6	
-48	37591	COVER, Bumper	1	
-49	1003461	BUMPER ASSEMBLY, RH (See figure 1)	REF	
-50	1003462	BUMPER ASSEMBLY, LH (See figure 1)	REF	
-51	37072	SWITCH, Key (with keys)	1	
-52	1003254	DECAL, Key switch	1	
-53	1003265	DECAL	1	
-54	181566	SCREW, HEX HD, 1/4-28 THD by 3/4 IN. LG	2	
-55	1002589	STOP, Hood	1	

A - SD15P10C

B - SD15P51A

C - SD15P51B

Figure & Index Number	Part Number	Description	Qty	Model Code
3-	1003189	ROLL BAR AND STEERING ASSEMBLY (See figure 1)	REF	A
	1003356	CONSOLE AND STEERING ASSEMBLY (See figure 1)	REF	B
	1003190	CONSOLE AND STEERING ASSEMBLY (See figure 1)	REF	C
-1	*37040	STEERING LINKAGE ASSEMBLY	2	
-2	33320	ARM, Spindle	2	
-3	181651	BOLT, HEX HD, 3/8-24 THD by 2-3/4 IN. LG	2	
-4	21777	SPACER	4	
-5	30251	SPACER	2	
-6	9000125	NUT, 3/8-24 THD	2	
-7	37041	TIE ROD ASSEMBLY	2	
-8	181643	BOLT, HEX HD, 3/8-24 THD by 1-1/2 IN. LG	2	
-9	21777	SPACER	4	
-10	9000125	NUT, 3/8-24 THD	2	
-11	30081	ROD END	4	
-12	124925	JAM NUT, HEX, 3/8-24 THD	4	
-13	37042	TIE ROD	2	
-14	181578	BOLT, HEX HD, 1/4-28 THD by 1-7/8 IN. LG	2	
-15	147579	WASHER, Plain, 1/4 IN. ID	2	A
	147579	WASHER, Plain, 1/4 IN. ID	4	BC
-16	34688	U-STRAP	1	
-17	34694	WEARPLATE	1	
-18	34689	WEARPLATE	1	
-19	9000123	LOCKNUT, 1/4-28 THD	2	A
	9000123	LOCKNUT, 1/4-28 THD	4	BC
-20	37231	GRIP, Hand	2	
-21	32185	THUMB CONTROL ASSEMBLY	1	
-22	142443	SCREW, RD HD, 10-32 THD by 1-3/8 IN. LG	1	
-23	9000122	LOCKNUT, 10-32 THD	1	
-24	32187	LEVER, Thumb	1	
-25	9417420	SCREW, Truss HD, 6-32 THD by 3/8 IN. LG	2	
-26	32188	SPACER	2	
-27	32186	CLAMP	1	
-28	1002782	SWITCH, Kill	1	
-29	32286	CLIP, Wire	2	A
	32286	CLIP, Wire	3	BC
-30	37159	BRAKE CONTROL ASSEMBLY	1	
-31	37486	HAND CONTROL ASSEMBLY	1	
-32	1003362	THROTTLE CABLE, HOUSING AND BOOT ASSEMBLY	1	
-33	34946	STEERING HANDLE AND COLUMN ASSEMBLY	1	
-34	**1003250	STEERING COLUMN ASSEMBLY	1	
-35	*1003343	MINI-CONSOLE ASSEMBLY	1	B
	*1003342	MINI-CONSOLE ASSEMBLY	1	C
-36	9415426	SCREW, 1/4-28 THD by 1-1/2 IN. LG	2	BC
-37	33808	WASHER, Formed	2	

* 3-1 includes applicable items -2 through -13.

* 3-35 includes applicable items -39 through -45.

** For spares, order individual components only, items 20 through 33.

A — SD15P10C

B — SD15P51A

C — SD15P51B

Figure 3 (1 of 2)

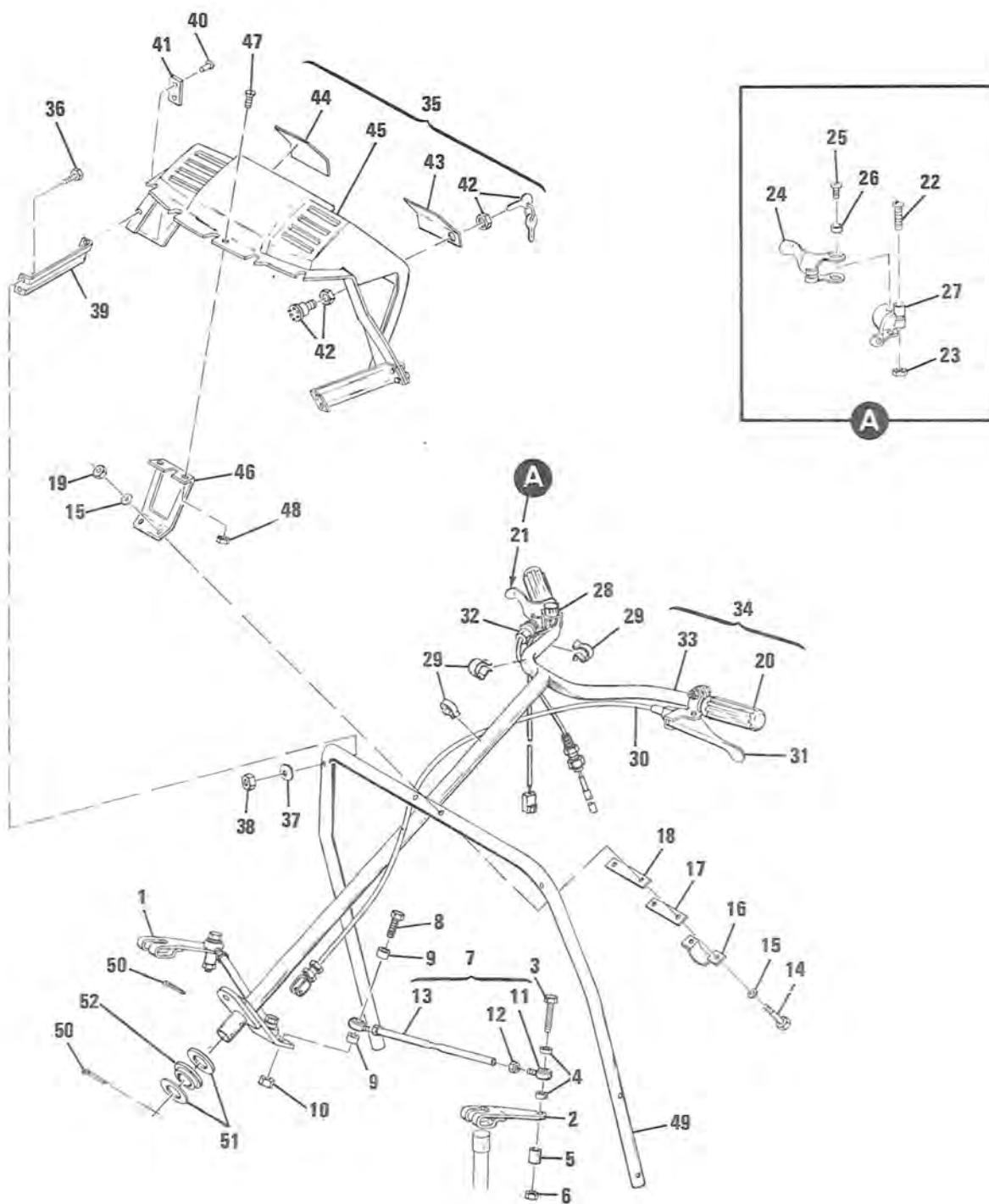


Figure & Index Number	Part Number	Description	Qty	Model Code
3-38	9000123	LOCKNUT, 1/4-28 THD	2	BC
-39	37374	BAR, Console support	2	BC
-40	34271	RIVET	4	BC
-41	37135	PLATE, Console back-up	2	BC
-42	37072	SWITCH, Key (with keys)	1	BC
-43	1003311	DECAL, LH	1	B
	1003310	DECAL, LH	1	C
-44	1002219	DECAL, RH	1	BC
-45	35044	MINI-CONSOLE	1	BC
-46	37037	BRACKET, Console	1	BC
-47	120612	SCREW, Flat HD, 10-32 THD by 5/8 IN. LG	2	BC
-48	9000122	LOCKNUT, 10-32 THD	2	BC
-49	1003256	ROLL BAR ASSEMBLY	1	A
	37039	ROLL BAR	1	BC
-50	137258	COTTER PIN, 3/16 IN. DIA by 1-3/4 IN. LG	2	
-51	37124	WASHER, Steering column	2	
-52	34945	BUSHING, Steering column support	1	
-53	30149	SPRING, Spindle	2	
-54	33753	BUSHING, Plain	2	
-55	33756	BUSHING, Flange	2	
-56	37222	SPINDLE, Machining	2	
-57	*1003163	SKI AND SPRING ASSEMBLY (See figure 1)	REF	A
	*1003389	SKI AND SPRING ASSEMBLY (See figure 1)	REF	B
	*1003219	SKI AND SPRING ASSEMBLY (See figure 1)	REF	C
-58	1003113	SCREW, HEX HD, 3/8-24 THD by 3-1/4 IN. LG	2	
-59	9000125	LOCKNUT, 3/8-24 THD	2	
-60	37226	PAD, Spindle	2	
-61	*37411	SKI SPRING ASSEMBLY	2	A
	*1003388	SKI SPRING ASSEMBLY	2	B
	*1002275	SKI SPRING ASSEMBLY	2	C
-62	177923	COTTER PIN	4	
-63	33748	PIVOT PIN, Spring	2	
-64	28762	PIN, Pivot	2	
-65	37412	BRACKET ASSEMBLY, Spring mounting	2	
-66	181643	SCREW, HEX HD, 3/8-24 THD by 1-1/2 IN. LG	4	AC
	454927	SCREW, HEX HD, 3/8-24 THD by 3 IN. LG	4	B
-67	274517	WASHER, Flat, 3/8 IN. ID	4	
-68	9000125	LOCKNUT, 3/8-24 THD	4	
-69	*34969	BUMPER ASSEMBLY	2	
-70	33297	BUMPER	2	
-71	33296	PLATE, Spring	2	
-72	33731	LEAF SPRING, Top	2	
-73	33730	LEAF SPRING, Middle	2	
-74	*37249	LEAF SPRING, Main	2	

*3-57 includes applicable items -61 through -82.

*3-61 includes applicable items -62 through -77.

*3-69 includes items -70 and -71.

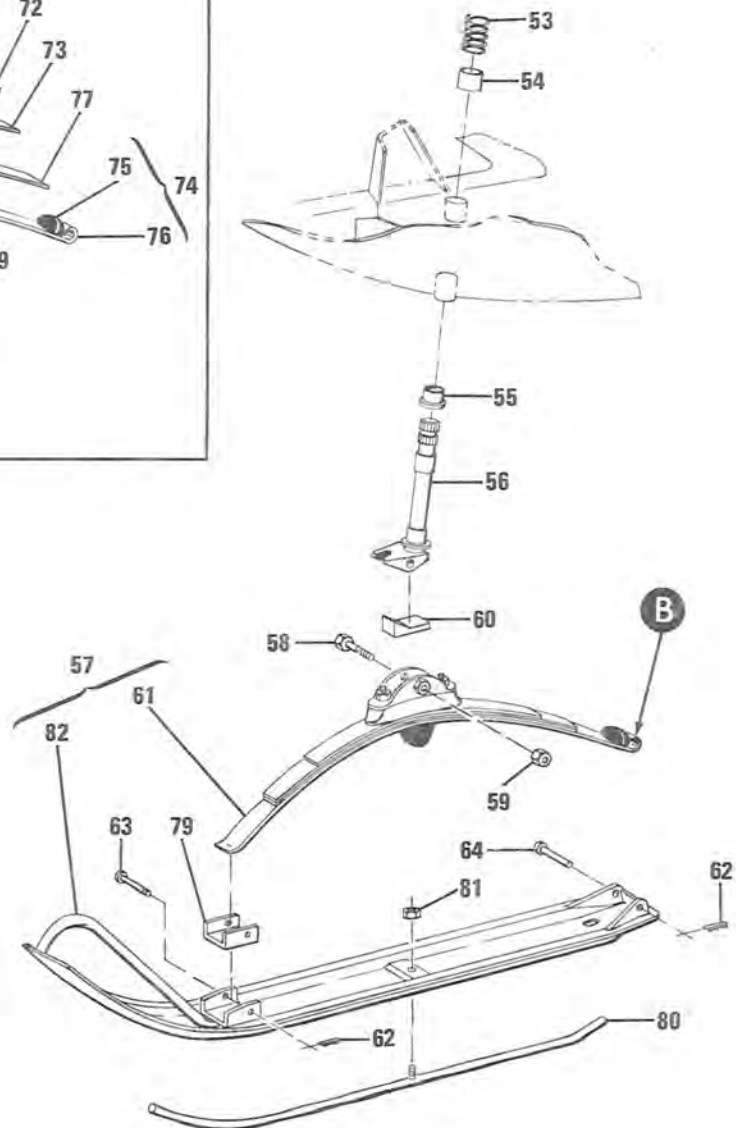
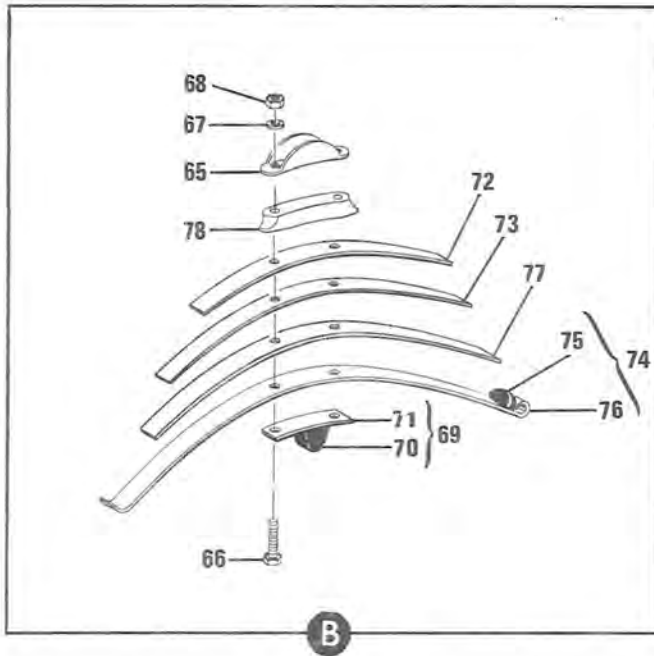
*3-74 includes items -75 and -76.

A — SD15P10C

B — SD15P51A

C — SD15P51B

Figure 3 (2 of 2)



PARTS LIST**AMF**

Figure & Index Number	Part Number	Description	Qty	Model Code
3-75	37250	BUMPER, Main leaf	2	BC B
-76	33729	SPRING, Main leaf	2	
-77	1002276	LEAF SPRING	2	
-78	1003387	RISER BLOCK, Ski	2	
-79	33746	WEAR PLATE, Ski	2	
-80	1002675	WEAR ROD ASSEMBLY	2	
-81	9000123	LOCKNUT, 1/4-28 THD	2	
-82	1002602	SKI ASSEMBLY	2	

A — SD15P10C
B — SD15P51A
C — SD15P51B

Figure 4

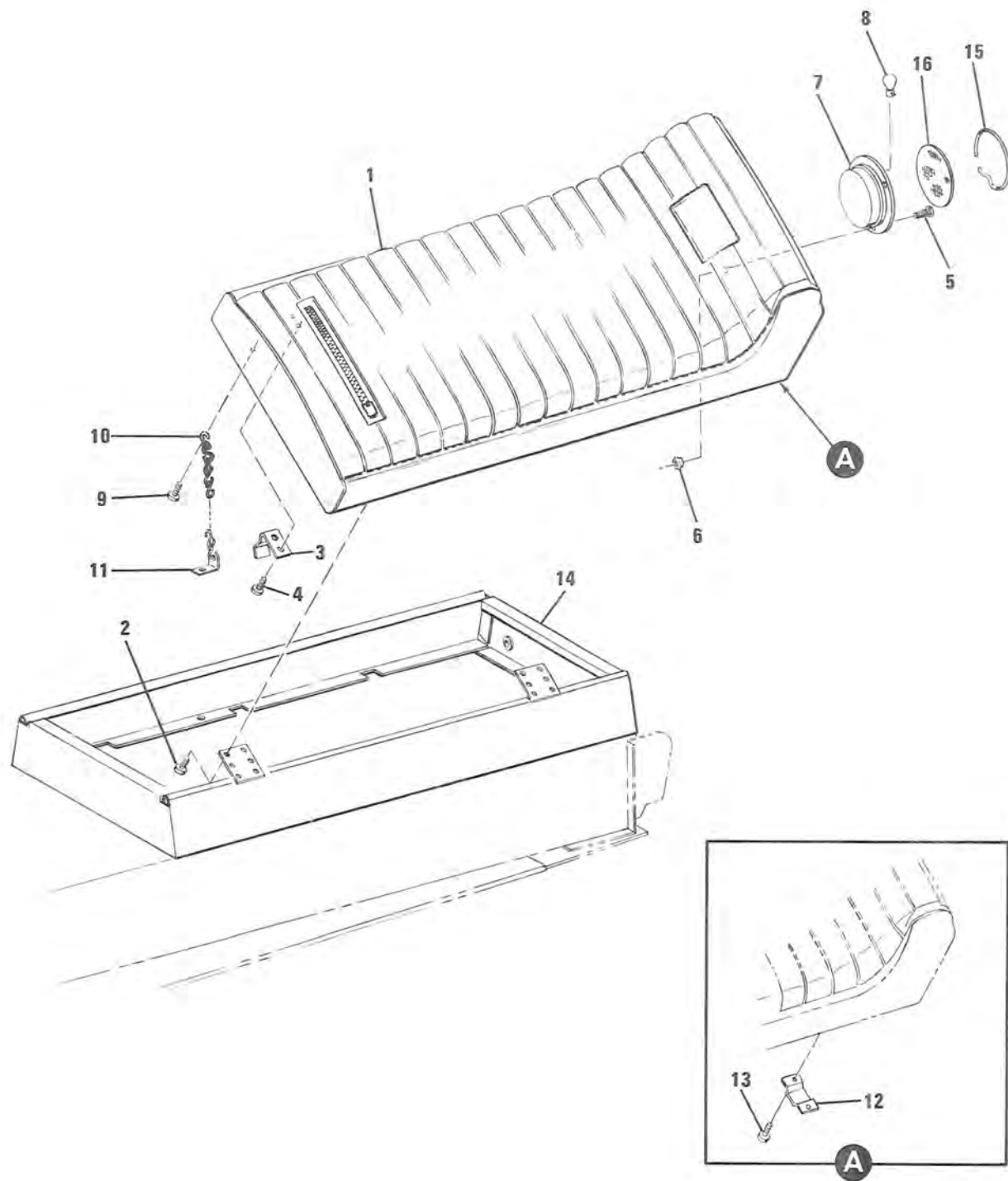


Figure & Index Number	Part Number	Description	Qty	Model Code
4-	1003340	SEAT AND TAIL LAMP ASSEMBLY (See figure 1)	REF	A
	1003304	SEAT AND TOOL BOX ASSEMBLY (See figure 1)	REF	BC
-1	1003338	SEAT, Orange	1	
-2	144815	SCREW, PAN HD, 6-32 THD by 3/4 IN. LG	12	BC
-3	33611	LATCH, Spring	2	BC
-4	144815	SCREW, PAN HD, 6-32 THD by 3/4 IN. LG	4	BC
-5	436667	SCREW, PAN HD, 6-32 THD by 3/4 IN. LG	3	
-6	9000552	NUT, Molly jack, 6-32 THD	3	
-7	1002158	TAILLIGHT MOUNT ASSEMBLY	1	
-8	33584	BULB, Taillight	1	
-9	144815	SCREW, PAN HD, 6-32 THD by 3/4 IN. LG	1	BC
-10	30313	CHAIN, 25 Links	1	BC
-11	37400	RETAINER, Spring	1	BC
-12	33395	RECEPTACLE, Seat clip	2	A
-13	144815	SCREW, PAN HD, 6-32 THD by 3/4 IN. LG	4	A
-14	1003305	TOOL BOX, Weldment	1	BC
-15	1002626	RING, Retaining	1	
-16	1002625	LENS, Red	1	

A – SD15P10C
 B – SD15P51A
 C – SD15P51B

Figure 5

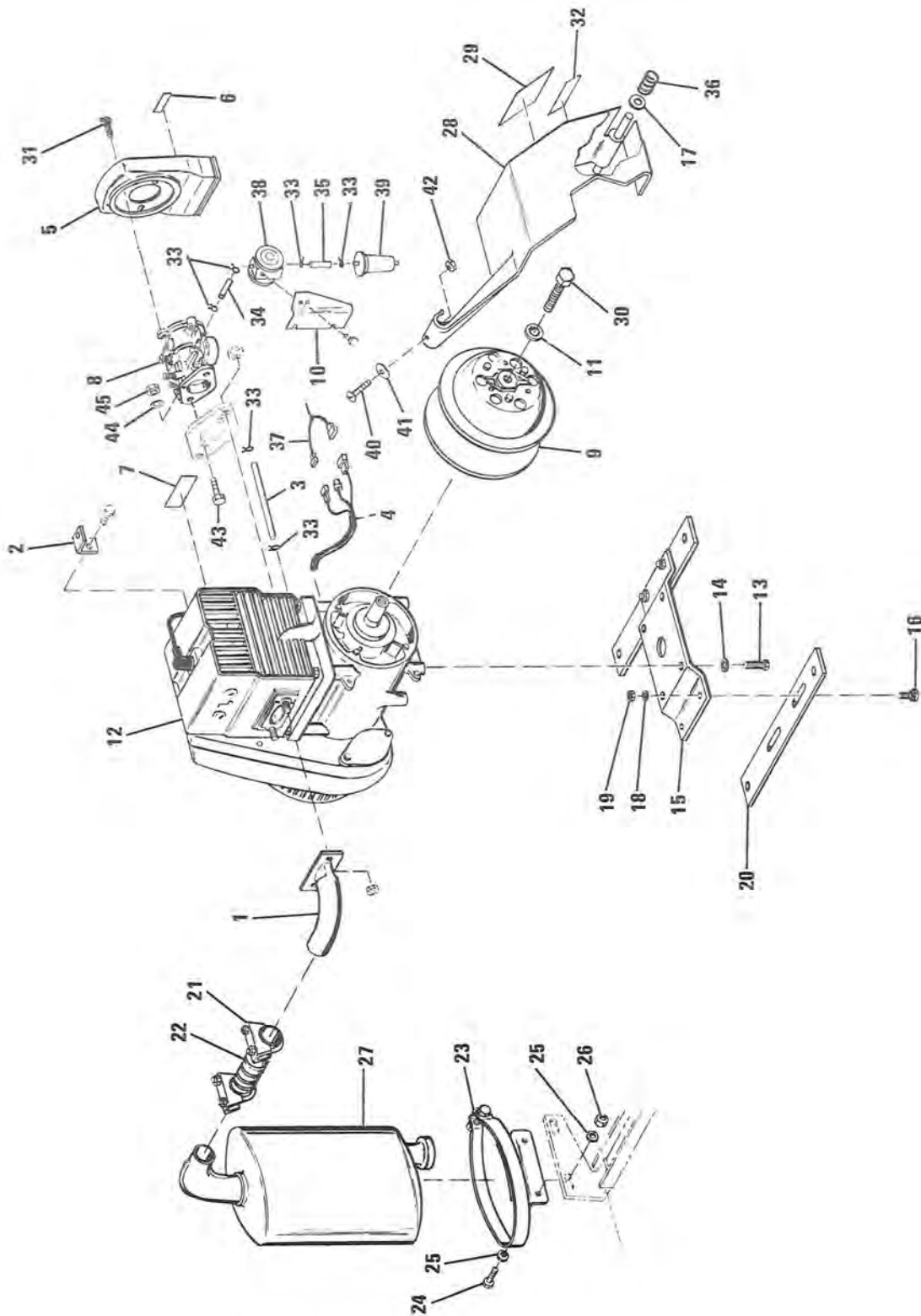


Figure & Index Number	Part Number	Description	Qty	Model Code
5-	1003180	ENGINE AND SUPPORT ASSEMBLY (See figure 1)	REF	A
-1	37181	PIPE, Engine exhaust	1	A
-2	1002133	BRACKET, Throttle	1	A
-3	1003322	IMPULSE LINE	1	A
-4	1003336	WIRING CONNECTIONS, L295 engine	1	A
-5	33859	COVER, Air intake	1	A
-6	34340	DECAL	1	A
-7	1003315	DECAL	1	A
-8	1003184	CARBURETOR (See figure 12)	1	A
-9	1003212	DRIVE CLUTCH ASSEMBLY, 780 Series (See figure 13)	1	A
-10	1003318	BRACKET, Fuel pump	1	A
-11	138549	LOCKWASHER, INT. Tooth, 1/2 IN. ID	1	A
-12	1003182	ENGINE, JLO 295	1	A
-13	180147	BOLT, HEX HD, 7/16-14 THD by 1-1/4 IN. LG	4	A
-14	120383	LOCKWASHER, 7/16 IN. ID	4	A
-15	37188	BASE, Engine	1	A
-16	9000323	BOLT, Carriage, 5/16-24 THD by 1 IN. LG	4	A
-17	120392	WASHER, Plain, 9/32 IN. ID by 5/8 IN. OD	1	A
-18	120393	WASHER, Plain	4	A
-19	9000124	LOCKNUT, 5/16-24 THD	4	A
-20	1003027	MOUNTING STRAP	2	A
-21	32588	CLAMP, Flexible tube	2	A
-22	37183	EXHAUST TUBE, Flexible	1	A
-23	34032	BAND ASSEMBLY, Mounting	1	A
-24	181566	SCREW, HEX HD, 1/4-28 THD by 3/4 IN. LG	2	A
-25	120392	WASHER, Plain, 9/32 IN. ID by 5/8 IN. OD	4	A
-26	9000123	LOCKNUT, 1/4-28 THD	2	A
-27	37173	MUFFLER	1	A
-28	1003352	CLUTCH GUARD AND DECAL ASSEMBLY	1	A
-29	37593	DECAL, Safety	1	A
-30	191695	BOLT, HEX HD, 1/2-20 THD by 4-3/4 IN. LG	1	A
-31	420998	SCREW, RD HD, 1/4-20 THD by 4-3/4 IN. LG	3	A
-32	1003316	DECAL	1	A
-33	30489	CLAMP, Hose	6	A
-34	1003321	GAS LINE, Pump-to-carburetor	1	A
-35	1003320	GAS LINE, Pump-to-filter	1	A
-36	1002086	SPRING, Compression	1	A
-37	1003216	SLED HARNESS	1	A
-38	1003319	FUEL PUMP	1	A
-39	1003317	FILTER, In-line	1	A
-40	9415426	SCREW, Truss Hd, 1/4-28 by 5/8 IN. OD	1	A
-41	33808	WASHER, Formed	1	A
-42	9000123	LOCKNUT, 1/4-28 THD	1	A
-43	180124	BOLT, HEX HD, 3/8-16 THD by 1-1/4 IN. LG	2	A
-44	138489	LOCKWASHER, EXT. TOOTH, 3/8 IN. ID	2	A
-45	124829	JAM NUT, 3/8-16 THD	2	A

A - SD15P10C
 B - SD15P51A
 C - SD15P51B

Figure 6

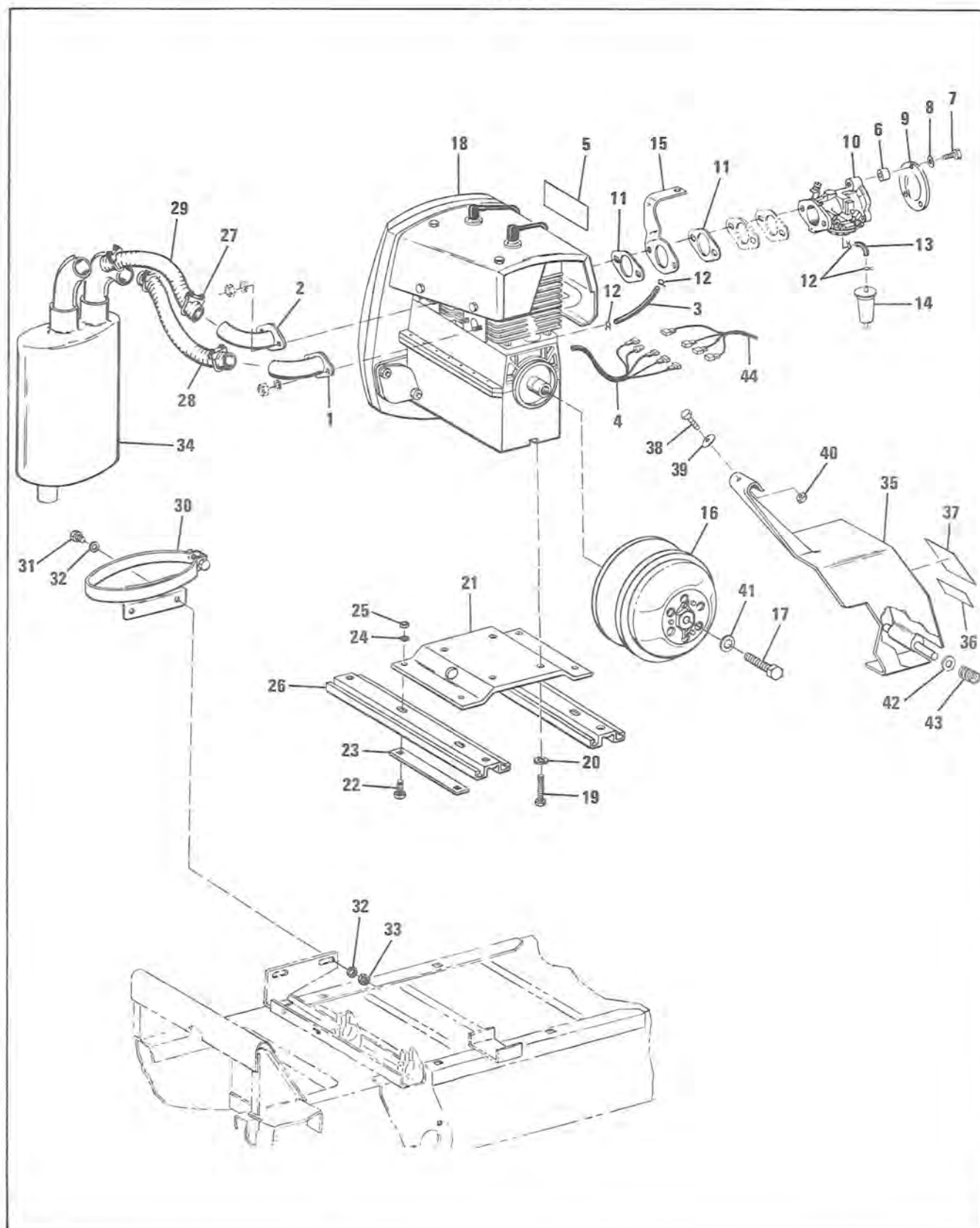


Figure & Index Number	Part Number	Description	Qty	Model Code
6-	1003181	ENGINE AND SUPPORT ASSEMBLY (See figure 1)	REF	BC
-1	1002193	EXHAUST MANIFOLD	1	BC
-2	1002194	EXHAUST MANIFOLD	1	BC
-3	30270	IMPULSE LINE	1	BC
-4	1003337	WIRING CONNECTIONS	1	BC
-5	1003315	DECAL	1	BC
-6	9000921	SPACER, Carburetor cap	3	BC
-7	133043	SCREW, RD HD, 1/4-20 THD by 3/4 IN. LG	3	BC
-8	120423	WASHER	3	BC
-9	1002609	PLATE, Baffle	1	BC
-10	*1003458	CARBURETOR	1	BC
-11	37191	GASKET	2	BC
-12	30489	CLAMP, Hose	4	BC
-13	1002426	GAS LINE	1	BC
-14	1003317	FILTER, In-line	1	BC
-15	37190	BRACKET, Throttle	1	BC
-16	1003232	DRIVE CLUTCH ASSEMBLY (See figure 14)	1	BC
-17	189349	BOLT, HEX HD, 1/2-20 THD by 5-1/4 IN. LG	1	BC
-18	1002102	ENGINE, 399	1	BC
-19	180175	BOLT, HEX HD, 1/2-13 THD by 1-1/4 IN. LG	4	BC
-20	120384	LOCKWASHER, 1/2 IN. ID	4	BC
-21	1002646	BASE, Engine	1	BC
-22	9000323	BOLT, Carriage, 5/16-24 THD by 1 IN. LG	4	BC
-23	37126	BAR WASHER	2	BC
-24	120393	WASHER, Plain	4	BC
-25	9000124	LOCKNUT, 5/16-24 THD	4	BC
-26	37596	MOUNTING STRAP, Front	2	BC
-27	32588	CLAMP, Flexible tube	4	BC
-28	1003239	EXHAUST TUBE, Long	1	BC
-29	1003240	EXHAUST TUBE, Short	1	BC
-30	34032	BAND ASSEMBLY, Mounting	1	BC
-31	181566	SCREW, HEX HD, 5/16-24 THD by 3/4 IN. LG	2	BC
-32	120392	WASHER, Plain, 11/32 IN. ID by 11/16 IN. OD	4	BC
-33	9000123	LOCKNUT, 5/16-24 THD	2	BC
-34	1003234	MUFFLER WELDMENT	1	BC
-35	1003352	CLUTCH GUARD AND DECAL ASSEMBLY	1	BC
-36	1003316	DECAL	1	BC
-37	37593	DECAL, Safety	1	BC
-38	9415426	SCREW, Truss HD, 1/4-28 by 1-1/2 IN. LG	1	BC
-39	33808	WASHER, Plain	1	BC
-40	9000123	LOCKNUT, 1/4-28 THD	1	BC
-41	138549	WASHER, Shakeproof, 3/16 ID	1	BC
-42	120392	WASHER, Plain, 9/32 IN. ID by 5/8 IN. OD	1	BC
-43	1002086	SPRING, Compression	1	BC
-44	1003233	SLED HARNESS	1	BC

*Carburetor Repair Kit is available, order Kit No. 1510729

A — SD15P10C
B — SD15P51A
C — SD15P51B

Figure 7

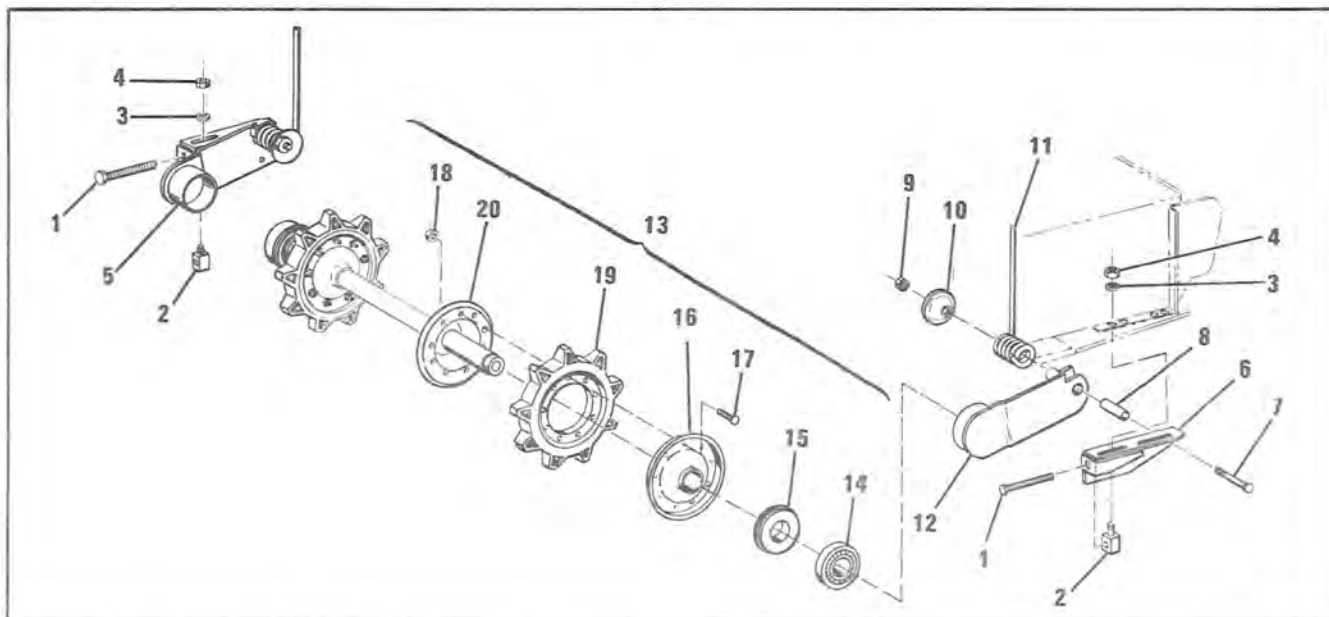


Figure & Index Number	Part Number	Description	Qty	Model Code
7-	1002092	TRACTION BELT TAKE-UP ASSEMBLY (See figure 1)	REF	AC
-1	32266	SCREW, Adjusting	2	AC
-2	1003323	BLOCK, Adjusting	2	AC
-3	456145	WASHER, Flat, 5/16 IN. ID	2	AC
-4	9000124	LOCKNUT, 5/16-24 THD	2	AC
-5	*1002128	REAR SUPPORT ARM AND SPRING ASSEMBLY, RH	1	AC
	*1002129	REAR SUPPORT ARM AND SPRING ASSEMBLY, LH	1	AC
-6	34684	ANGLE, Belt adjustment, LH	1	AC
	34683	ANGLE, Belt adjustment, RH	1	AC
-7	181651	SCREW, HEX HD, 3/8-24 THD by 2-3/4 IN. LG	2	AC
-8	33705	SPACER, Rear support arm	2	AC
-9	9000125	LOCKNUT, 3/8-24 THD	2	AC
-10	32237	RETAINER	2	AC
-11	33357	SPRING, Rear torsion, LH	1	AC
	33356	SPRING, Rear torsion, RH	1	AC
-12	1002089	REAR SUPPORT ARM ASSEMBLY, LH	1	AC
	1002088	REAR SUPPORT ARM ASSEMBLY, RH	1	AC
-13	37199	REAR SPROCKET ASSEMBLY	1	AC
-14	34648	BEARING	2	AC
-15	30079	GREASE SEAL	2	AC
-16	37192	SPROCKET SUPPORT PLATE ASSEMBLY	2	AC
-17	181566	SCREW, HEX HD, 1/4-28 THD by 3/4 IN. LG	18	AC
-18	9000123	LOCKNUT, 1/4-28 THD	18	AC
-19	1002178	SPROCKET, Idler	2	AC
-20	37200	REAR SHAFT AND SPROCKET PLATE ASSEMBLY	1	AC

*For spares, order individual components only.

A - SD15P10C

B - SD15P51A

C - SD15P51B

Figure 8

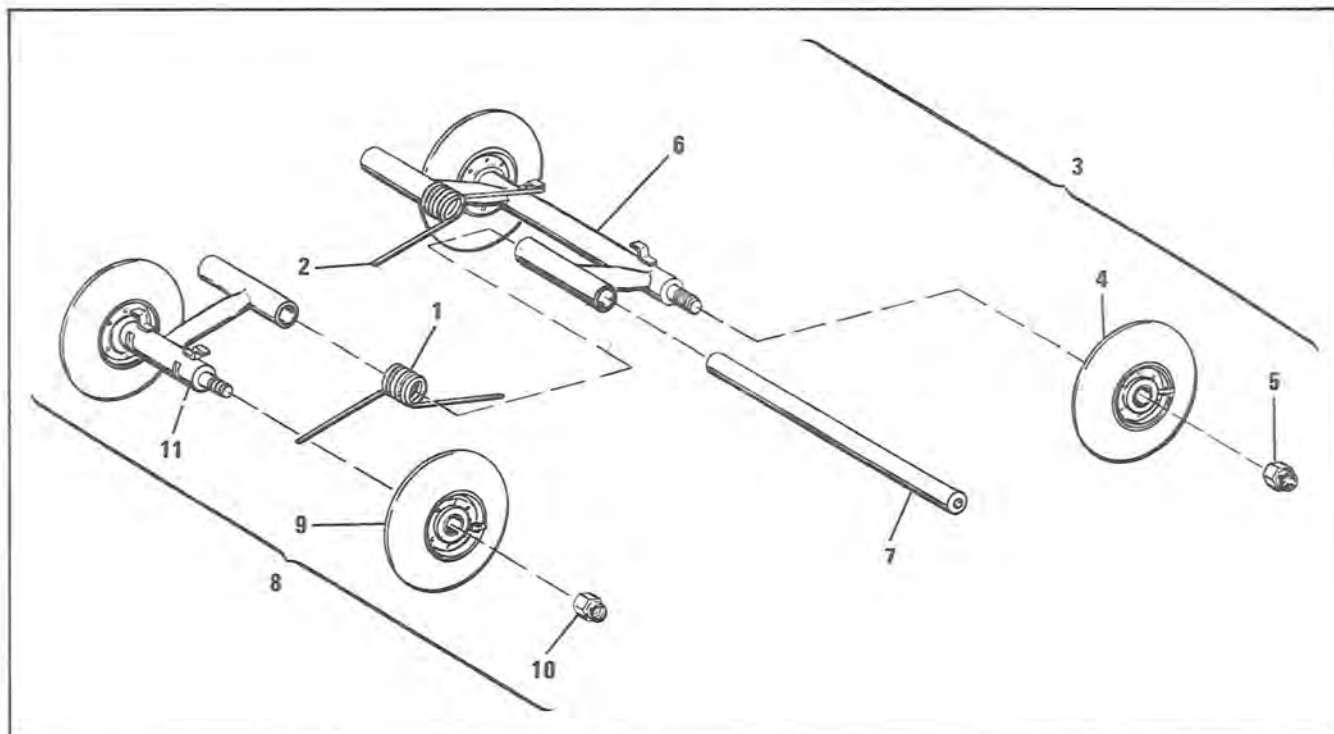


Figure & Index Number	Part Number	Description	Qty	Model Code
8-	37083	BOGIE ASSEMBLY (See figure 1)	REF	AC
-1	33712	TORSION SPRING, Bogie, RH	3	AC
-2	33711	TORSION SPRING, Bogie, LH	3	AC
-3	37085	BOGIE WHEEL AND SUPPORT ASSEMBLY - HALF	3	AC
-4	33713	WHEEL, Bogie	6	AC
-5	9000395	LOCKNUT, 5/8-18 THD	6	AC
-6	37086	BOGIE SUPPORT ASSEMBLY - HALF	3	AC
-7	37084	SUPPORT SHAFT, Bogie wheel	3	AC
-8	37088	BOGIE WHEEL AND SUPPORT ASSEMBLY - HALF	3	AC
-9	33713	WHEEL, Bogie	6	AC
-10	9000395	LOCKNUT, 5/8-18 THD	6	AC
-11	37089	SUPPORT ASSEMBLY, Bogie	3	AC

A - SD15P10C
 B - SD15P51A
 C - SD15P51B

Figure 9

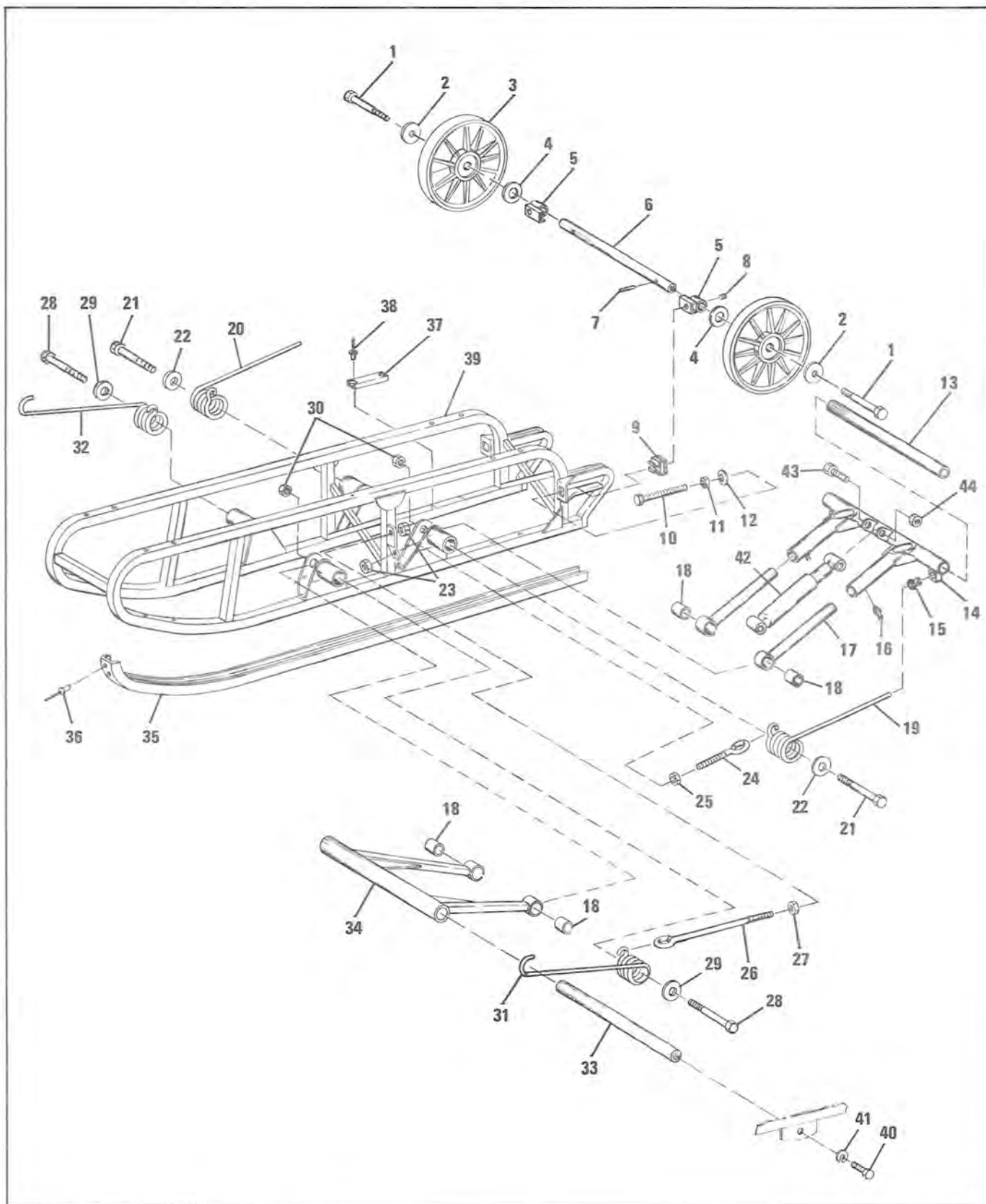


Figure & Index Number	Part Number	Description	Qty	Model Code
9-	1003372	SUSPENSION ASSEMBLY, 15-Inch (See figure 1)	REF	B
-1	9000592	BOLT, HEX HD, 5/16-24 by 4-1/4 IN. LG	2	B
-2	1002890	WASHER	2	B
-3	1003441	WHEEL, Molded	2	B
-4	131017	WASHER	2	B
-5	1002850	SPACER	2	B
-6	1002844	AXLE, Rear	1	B
-7	9421234	PIN, Drive, 5/32 by 1-1/4 IN. LG	2	B
-8	9000284	SETSCREW, 3/8-24 by 3/8 IN. LG	2	B
-9	125529	NUT, 7/16-14 THD	2	B
-10	1002888	CAPSCREW, HEX HD, 7/16-14 by 4 IN. LG	2	B
-11	271501	NUT, 7/16-14 THD	2	B
-12	120383	WASHER, 7/16 OD	2	B
-13	1002604	AXLE ASSEMBLY, Inner	1	B
-14	1003457	REAR ARM WELDMENT	1	B
-15	1002820	BUSHING, Nylon	2	B
-16	706	GREASE FITTING	2	B
-17	1002849	REAR ARM, Inner	2	B
-18	1002825	INSERT, Pivot	4	B
-19	1003488	SPRING, LH	1	B
-20	1003487	SPRING, RH	1	B
-21	189333	SCREW, HEX HD, 3/8-24 by 4-1/4 IN. LG	2	B
-22	1003456	WASHER, Carriage spring	2	B
-23	192481	NUT, 3/8-24 THD	2	B
-24	1003444	EYEBOLT	2	B
-25	120377	NUT, 3/8-16 THD	4	B
-26	1003443	EYEBOLT	2	B
-27	120377	NUT, 3/8-16 THD	4	B
-28	189333	SCREW, HEX HD, 3/8-24 by 4-1/4 IN. LG	2	B
-29	1003456	WASHER, Carriage spring	2	B
-30	192481	NUT, 3/8-24 THD	2	B
-31	1002816	SPRING, LH	1	B
-32	1002817	SPRING, RH	1	B
-33	1002604	AXLE ASSEMBLY, Inner	1	B
-34	1002853	FRONT ARM WELDMENT	1	B
-35	1003442	RUNNER, Hi-Fax	2	B
-36	9000825	RIVET	30	B
-37	1002819	PAD, Small	8	B
-38	9000826	RIVET	16	B
-39	1003435	SKID FRAME WELDMENT	1	B
-40	181637	SCREW, HEX HD, 3/8-24 by 1 IN. LG	4	B
-41	131099	LOCKWASHER, 3/8 OD	4	B
-42	1003445	SHOCK ABSORBER	1	B
-43	181675	SCREW, HEX HD, 7/16-20 by 2-1/4	2	B
-44	454012	NUT, 7/16-20 THD	2	B

A - SD15P10C

B - SD15P51A

C - SD15P51B

Figure 10

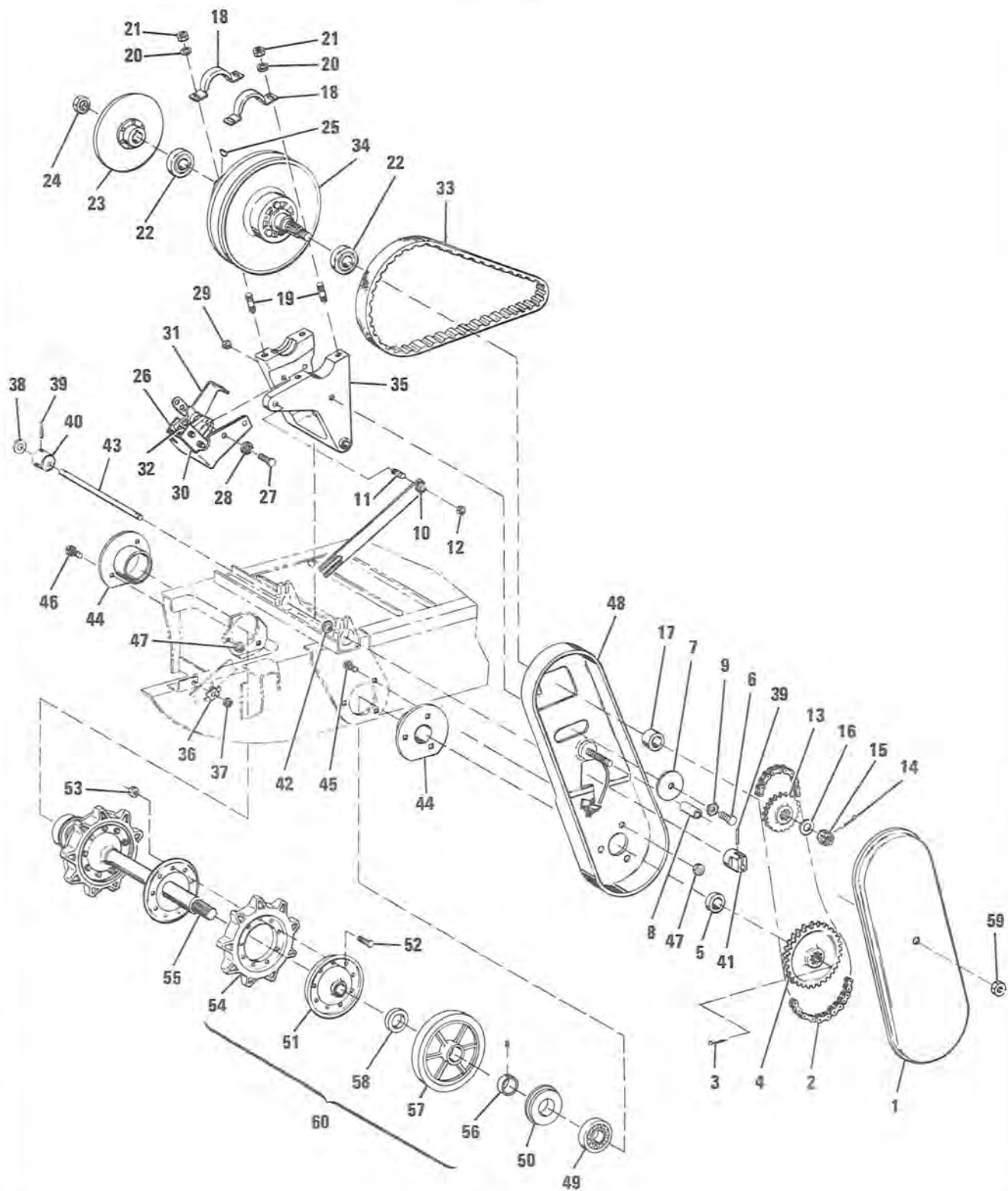


Figure & Index Number	Part Number	Description	Qty	Model Code
10-1	1002018	CHAIN COVER, Top	1	
-2	37141	ROLLER CHAIN, 35-2, 102 pitch	1	
-3	137258	COTTER PIN, 3/16 IN. by 1-3/4 IN. LG	1	
-4	35042	SPROCKET, 35-2, 45 teeth	1	A
	35041	SPROCKET, 35-2, 44 teeth	1	BC
-5	34629	SPACER	1	
-6	180078	BOLT, HEX HD, 5/16-18 THD by 7/8 IN. LG	1	
-7	37440	WASHER, Chain cover	1	
-8	1002734	SLEEVE	1	
-9	138485	LOCKWASHER, External tooth, 5/16 ID	2	
	1003173	DRIVEN CLUTCH AND CASTING ASSEMBLY (See figure 1)	REF	A
	1003174	DRIVEN CLUTCH AND CASTING ASSEMBLY (See figure 1)	REF	BC
-10	37254	ROD TENSIONER, Clutch	1	
-11	272726	STUD, 3/8-24 THD by 1-1/2 IN. LG	1	
-12	9000125	LOCKNUT, 3/8-24 THD	1	
-13	34304	SPROCKET, 35-2, 21 teeth	1	A
	34305	SPROCKET, 35-2, 23 teeth	1	BC
-14	119120	COTTER PIN, 3/32 IN. by 1-1/4 IN. LG	1	
-15	125250	NUT, Slotted, 1/2-20 THD	1	
-16	9417098	WASHER, Flat, 17/32 IN. ID by 1 IN. OD	1	
-17	34628	SPACER	1	
-18	34636	CLAMP, Bearing	2	
-19	147664	STUD	4	
-20	120393	WASHER, 11/32 IN. ID by 11/16 IN. OD	4	
-21	9000124	LOCKNUT, 5/16-24 THD	4	
-22	34645	BEARING, Driven clutch	2	
-23	28784	HUB AND DISC ASSEMBLY	1	
-24	272686	LOCKNUT, 3/4-16 THD	1	
-25	106751	KEY, Woodruff, No. 9, 3/16 IN. by 3/4 IN. LG	1	
-26	1002100	DISC BRAKE ASSEMBLY	1	
-27	180077	BOLT, HEX HD, 5/16-18 THD by 3/4 IN. LG	2	
-28	138538	LOCKWASHER, Internal tooth	2	
-29	9000124	LOCKNUT, 5/16-24 THD	2	
-30	1002098	BRAKE BRACKET	1	
-31	1002099	ARM, Brake bracket	1	
-32	1002134	CALIPER, Disc brake	1	
-33	37172	BELT, Variable speed	1	A
	34914	BELT, Variable speed	1	BC
-34	1002181	DRIVEN CLUTCH AND SHAFT ASSY. (See figure 15)	1	A
	1002183	DRIVEN CLUTCH AND SHAFT ASSY. (See figure 15)	1	BC
-35	1002020	DRIVEN CLUTCH MOUNTING	1	
-36	37253	WASHER, Serrated	1	
-37	9000124	LOCKNUT, 5/16-24 THD	1	
-38	34826	RING, Circular push-on	1	
-39	273938	PIN, Spring, 1/8 IN. by 1-1/2 IN. LG	2	
-40	34950	CAM, Right side	1	

A – SD15P10C
 B – SD15P51A
 C – SD15P51B

Figure & Index Number	Part Number	Description	Qty	Model Code
10-41	34952	CAM, Left side	1	
-42	9417098	WASHER, Plain, 17/32 IN. ID by 1 IN. OD	1	
-43	34965	SHAFT, Clutch mounting	1	
-44	37024	BEARING RETAINER AND PLATE ASSEMBLY	2	
-45	9000322	BOLT, Carriage, 5/16-24 THD by 3/4 IN. LG	3	
-46	9000321	BOLT, Carriage, 5/16-24 THD by 5/8 IN. LG	3	
-47	9000124	LOCKNUT, 5/16-24 THD	6	
-48	1002045	CHAIN COVER ASSEMBLY, Bottom	1	
	37113	DRIVE SPROCKET ASSEMBLY (See figure 1)	REF	AC
	*1002618	DRIVE SPROCKET ASSEMBLY (See figure 1)	REF	B
-49	34648	BEARING, 25 MM bore	2	
-50	30079	SEAL, Grease	2	
-51	37192	SPROCKET SUPPORT PLATE ASSY	2	
	1002513	FLANGE, Sprocket	2	B
-52	181566	SCREW, 1/4-28 THD by 3/4 IN. LG	18	AC
	181608	SCREW, 5/16-24 THD by 1 IN. LG	12	B
-53	9000123	LOCKNUT, 1/4-28 THD	18	AC
	442826	LOCKNUT, 5/16-24 THD	12	B
-54	1002178	SPROCKET, Drive, 9-teeth	2	AC
	1002512	SPROCKET, Drive, 6-teeth	2	B
-55	37114	DRIVE SHAFT AND PLATE ASSY	1	AC
	1002518	DRIVE SHAFT AND PLATE ASSY	1	B
-56	1002516	SET COLLAR (with 5/16-18 THD by 1/4 IN. LG setscrew)	2	B
-57	1002514	WHEEL, Idler	2	B
-58	1002865	SPACER	2	B
-59	9000394	LOCKNUT, 5/16-18 THD	1	
-60	1002801	DRIVE SHAFT ASSEMBLY	1	B

*for spares, order individual components only.

A — SD15P10C

B — SD15P51A

C — SD15P51B

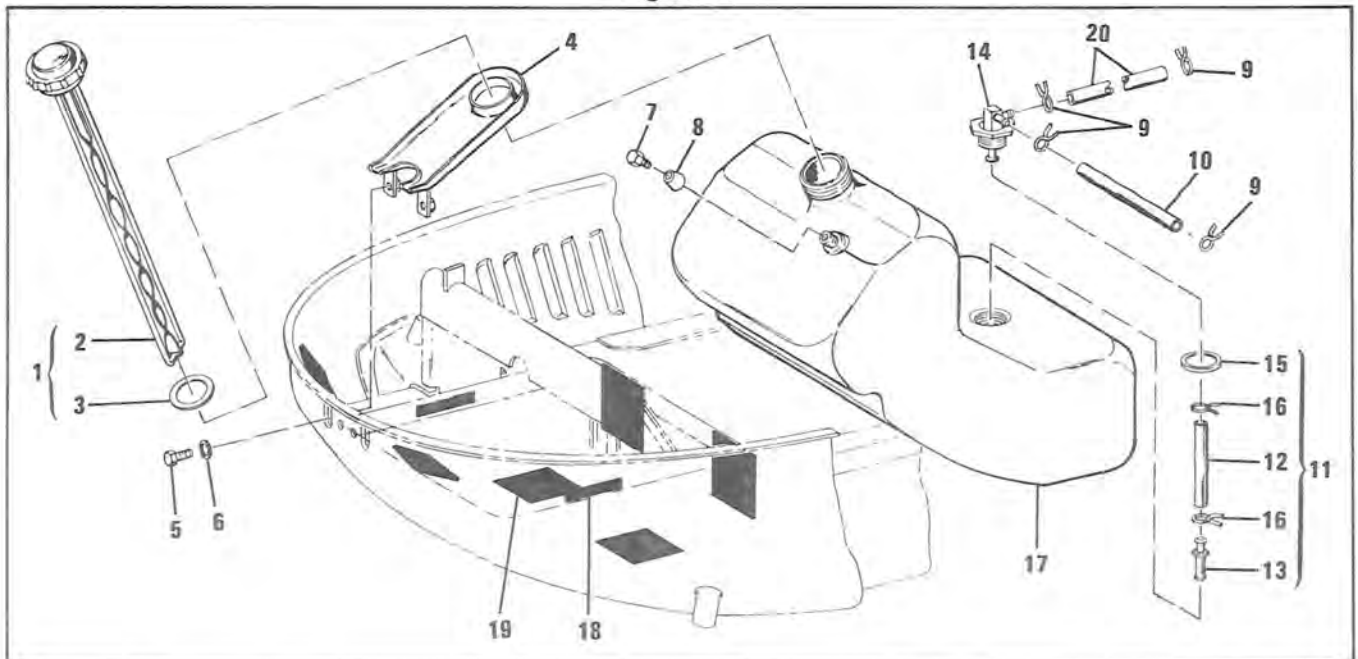
Figure 11


Figure & Index Number	Part Number	Description	Qty	Model Code
11-1	37683	GAS CAP ASSEMBLY (See figure 1)	REF	
-2	37265	GAS CAP AND INDICATOR ASSEMBLY	1	
-3	37684	GASKET, Gas cap	1	
-4	37357	SPILL CHUTE, Weldment, gas	1	
-5	181566	BOLT, HEX HD, 1/4-28 THD by 3/4 IN. LG	2	
-6	147579	WASHER, Plain	2	
-7	37273	VENT AND PRESSURE RELIEF VALVE	1	
-8	144107	PIPE REDUCER, 1/4 to 1/8 IN.	1	
-9	30489	CLAMP, Hose	2	A
	30489	CLAMP, Hose	4	BC
-10	37454	GAS LINE, Tank-to-fuel filter	1	
-11	1003341	GAS LINE ASSEMBLY, Tank	1	A
	1003351	GAS LINE ASSEMBLY, Tank	1	BC
-12	1003346	GAS LINE, Gas tank	1	A
	1003504	GAS LINE, Gas tank	1	BC
-13	1003347	WEIGHT, Fuel tank	1	
-14	34152	GAS OUTLET, Gas tank	1	A
	1003505	GAS OUTLET, Gas tank	1	BC
-15	34154	GASKET, Gas tank outlet	1	
-16	30489	CLAMP, Hose	2	
-17	37259	GAS TANK, Plastic	1	
-18	37418	PAD, Gas tank	2	
-19	37636	PAD, Gas tank	6	
-20	37268	GAS LINE, Recirculating	1	BC

A - SD15P10C
 B - SD15P51A
 C - SD15P51B

Figure 12

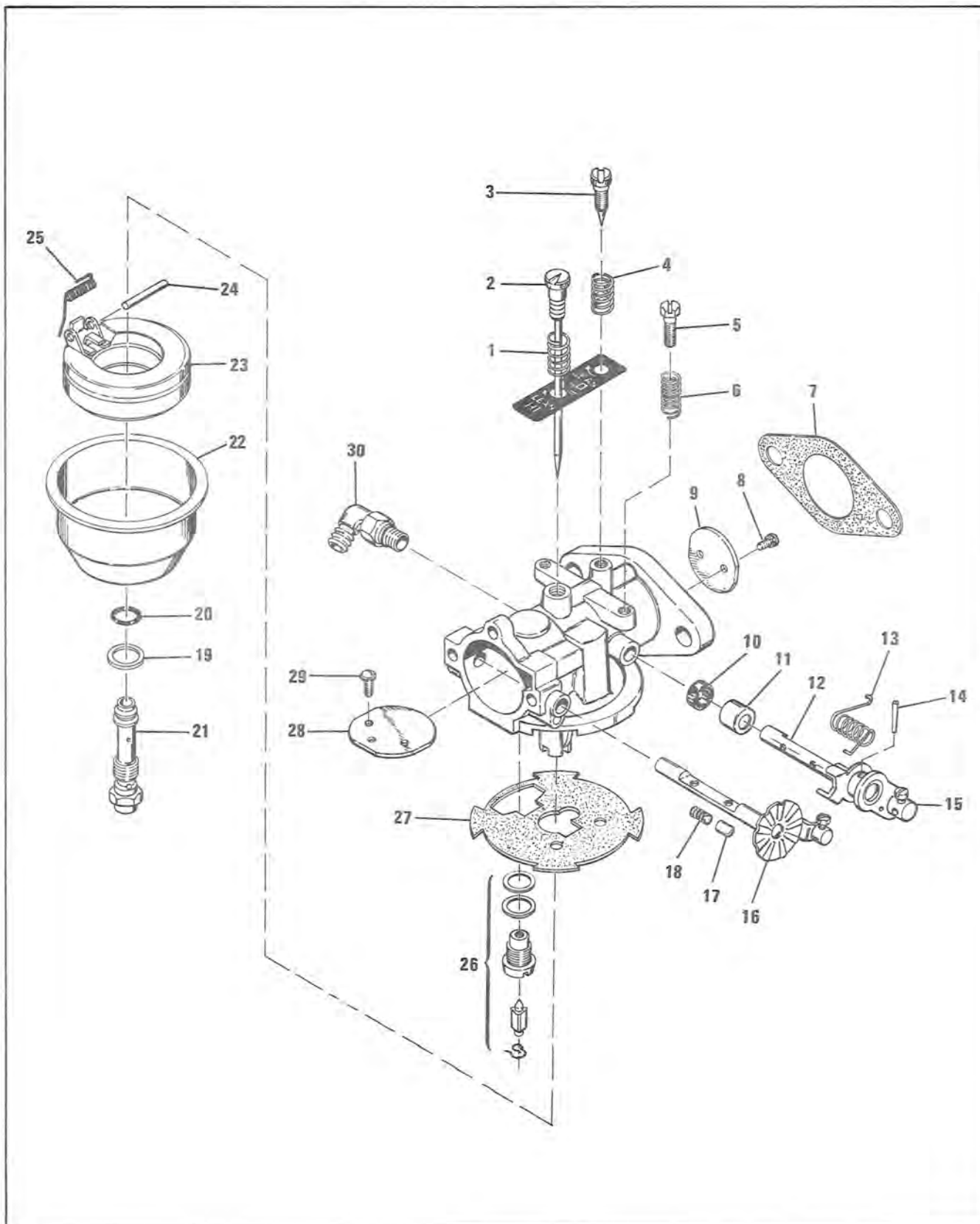


Figure & Index Number	Part Number	Description	Qty	Model Code
12-	1003184	CARBURETOR (See figure 5)	REF	
-1	1002330	SPRING, Main adjustment	1	
-2	1002338	IDLE JET	1	
-3	●1002315	SCREW, Idle adjustment	1	
-4	1002316	SPRING	1	
-5	1002317	SCREW	1	
-6	1002318	SPRING	1	
-7	●1002341	GASKET, Flange	1	
-8	1002328	SCREW (Includes lockwasher)	2	
-9	1002327	THROTTLE PLATE	1	
-10	●1002313	SEAL, Rubber	1	
-11	●1002314	SEAL, Retainer	1	
-12	*1002326	THROTTLE SHAFT	1	
-13	1002329	SPRING	1	
-14	*1002325	PIN	1	
-15	*1003571	THROTTLE SHAFT AND LEVER ASSY	1	
-16	1002331	LEVER AND SHAFT ASSEMBLY	1	
-17	1002332	PIN	1	
-18	1002334	SPRING	1	
-19	●1002337	WASHER, Fiber	1	
-20	●1002336	O-RING	1	
-21	1002335	JET AND TUBE ASSEMBLY	1	
-22	1002323	FUEL BOWL	1	
-23	1002319	FLOAT ASSEMBLY	1	
-24	●1002320	FLOAT AXLE	1	
-25	●1002321	SPRING, Float	1	
-26	●1002339	FUEL VALVE AND SEAT ASSEMBLY	1	
-27	●1002322	GASKET, Bowl-to-body	1	
-28	1002333	CHOKE PLATE	1	
-29	1002328	SCREW AND LOCKWASHER	2	
-30	1002522	ELBOW CONNECTOR	1	

*AMF Part No. 1003571 includes items 12 and 14.

●Available in kits only, order Carburetor Repair Kit, AMF Part No. 1002312.

A — SD15P10C

B — SD15P51A

C — SD15P51B

Figure 13

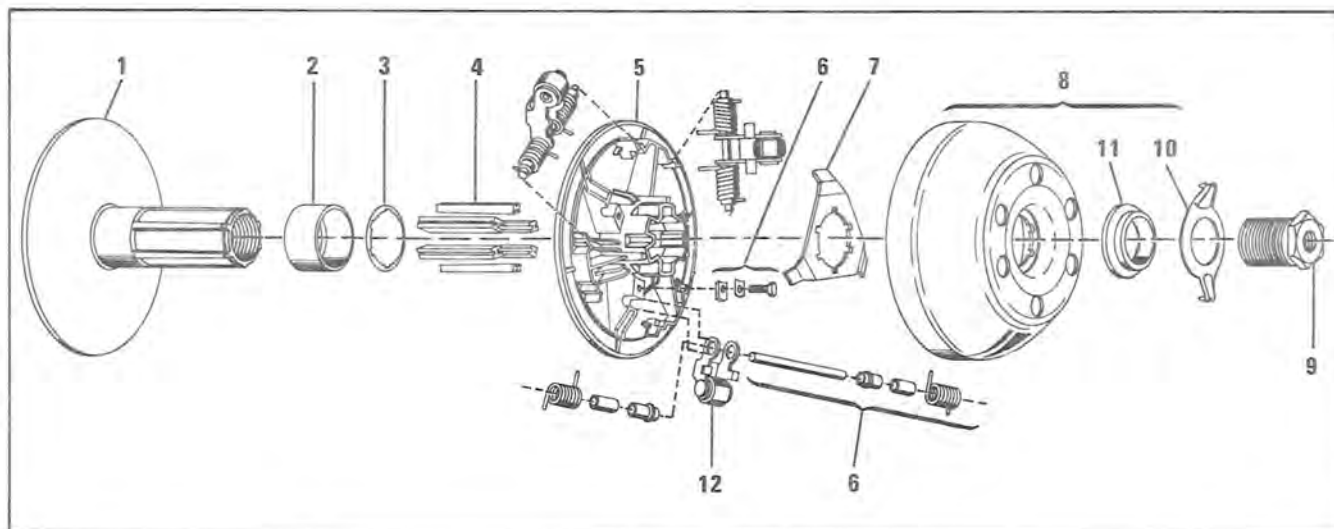


Figure & Index Number	Part Number	Description	Qty	Model Code
13-	1003212	DRIVE CLUTCH ASSEMBLY (See figure 5)	REF	A
-1	1003560	FIXED FACE AND HUB ASSEMBLY	1	A
-2	1002559	BEARING, Idler	1	A
-3	1002560	WASHER, Idler bearing	1	A
-4	1002561	LINER, Spline	6	A
-5	1003561	MOVABLE FACE ASSEMBLY	1	A
-6	1003562	SPRING KIT	1 Set	A
-7	1002562	RETRACTOR, Roller weight	1	A
-8	1003060	RAMP PLATE ASSEMBLY	1	A
-9	*1002564	NUT	1	A
-10	1003063	LOCK PLATE	1	A
-11	1003089	WASHER, Ramp plate	1	A
-12	1003563	SERVICE KIT, Roller arm assembly	1 Set	A

*Apply 125 ± 15 foot-pounds torque.

A — SD15P10C
 B — SD15P51A
 C — SD15P51B

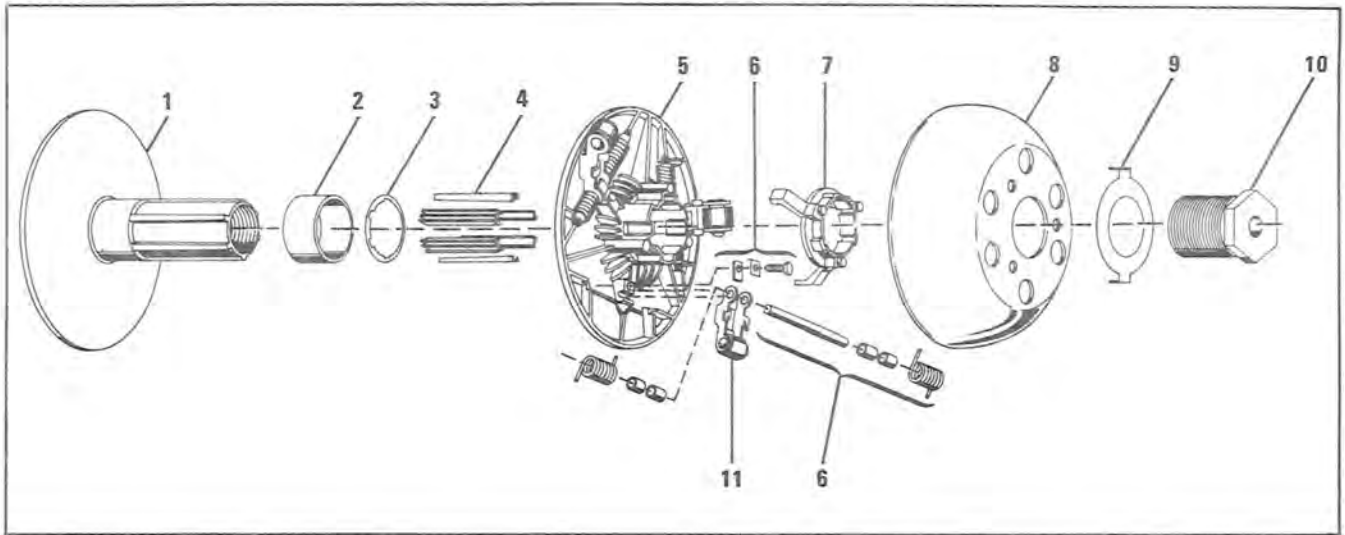
Figure 14


Figure & Index Number	Part Number	Description	Qty	Model Code
14-	1003232	DRIVE CLUTCH ASSEMBLY (See figure 6)	REF	BC
-1	37712	FIXED FACE ASSEMBLY	1	BC
-2	37713	BEARING, Idler	1	BC
-3	37714	WASHER, Idler bearing	1	BC
-4	37715	LINER, Spline	6	BC
-5	1002565	MOVABLE FACE ASSEMBLY	1	BC
-6	1002644	SPRING KIT	1 Set	BC
-7	37718	SPIDER	1	BC
-8	1002566	RAMP PLATE	1	BC
-9	37944	LOCK PLATE	1	BC
-10	37936	NUT (Apply 150 ± 5 foot-pounds torque)	1	BC
-11	1003559	SERVICE KIT, Roller arm assembly	1	BC

A — SD15P10C
 B — SD15P51A
 C — SD15P51E

Figure 15

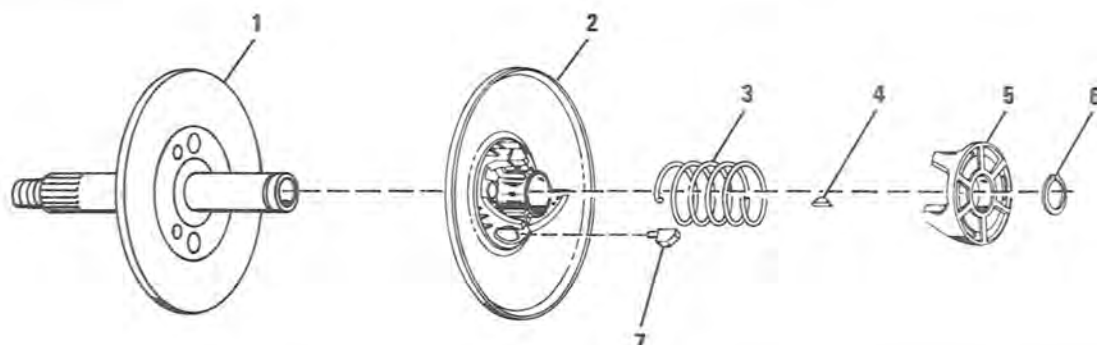


Figure & Index Number	Part Number	Description	Qty	Model Code
15-	1002181	DRIVEN CLUTCH AND SHAFT ASSEMBLY (See figure 10)	REF	A
	1002183	DRIVEN CLUTCH AND SHAFT ASSEMBLY (See figure 10)	REF	BC
-1	37607	FIXED FACE AND HUB ASSEMBLY	1	A
	37722	FIXED FACE AND HUB ASSEMBLY	1	BC
-2	1003041	MOVABLE FACE ASSEMBLY	1	A
	1002571	MOVABLE FACE ASSEMBLY	1	BC
-3	37602	SPRING, 5-Coil black	1	A
	1002573	SPRING, 7-Coil yellow	1	BC
-4	37603	KEY, Morton Hi-Pro	1	
-5	1002572	TORQUE BRACKET ASSEMBLY	1	
-6	37610	RING, Retaining	1	
-7	1003074	SLIPPER, Cam	3	

A — SD15P10C

B — SD15P51A

C — SD15P51B

NUMERICAL LIST

Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty
1002018	10-1	1	1002327	12-9	1	1002644	14-6	1 Set
1002020	10-35	1	1002328	12-8	2	1002646	6-21	1
1002045	10-48	1		12-29	2	1002675	3-80	2
1002086	5-36	1	1002329	12-13	1	1002734	10-9	2
	6-42	1	1002330	12-1	1	1002782	3-28	1
1002088	7-12	1	1002331	12-16	1	1002801	10-60	1
1002089	7-12	1	1002332	12-17	1	1002803	1-48	21
1002092	1-40	1	1002333	12-28	1	1002808	1-50	41
	7-	REF	1002334	12-18	1	1002816	9-31	1
1002098	10-30	1	1002335	12-21	1	1002817	9-32	1
1002099	10-31	1	1002336	12-20	1	1002819	9-37	8
1002100	10-26	1	1002337	12-19	1	1002820	9-15	2
1002102	6-18	1	1002338	12-2	1	1002825	9-18	4
1002128	7-5	1	1002339	12-26	1	1002844	9-6	1
1002129	7-5	1	1002340	12-12	1	1002849	9-17	2
1002133	5-2	1	1002341	12-7	1	1002850	9-5	2
1002134	10-32	1	1002426	6-13	1	1002853	9-34	1
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1002166	2-36	1	1002513	10-51	2	1002888	9-10	2
1002178	7-19	2	1002514	10-57	2	1002890	9-2	2
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1002318	12-6	1	1002604	9-13	1	1003163	1-11	2
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NUMERICAL LIST

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1003197	1-1	1	1003322	5-3	1		2-50	REF
	2-	REF	1003323	2-7	1	1003487	9-20	1
1003212	5-9	1	1003324	1-31	1	1003488	9-19	1
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1003213	2-17	1	1003337	6-4	1	1003505	11-14	1
1003214	2-13	1	1003338	4-1	1	1003525	1-2	1
1003215	2-25	1	1003340	1-12	1	1003559	14-11	1
1003216	5-37	1		4-	REF	1003560	13-1	1
1003219	1-11	2	1003341	11-11	1	1003561	13-5	1
	3-57	REF	1003342	3-35	1	1003562	13-6	1 Set
1003232	6-16	1	1003343	3-35	1	1003563	13-12	1 Set
	14-	REF	1003346	11-12	1	106751	10-25	1
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1003304	1-12	1		3-57	REF	120423	6-8	3
	4-	REF	1003433	1-53	1	120612	3-47	2
1003305	4-14	1	1003434	1-52	2	124818	2-14	4
1003310	3-43	1	1003435	9-39	1	124829	5-45	2
1003311	3-43	1	1003441	9-3	2	124925	3-12	7
1003312	2-10	1	1003442	9-35	2	125250	10-15	1
1003315	5-7	1	1003443	9-26	2	125529	9-9	2
	6-5	1	1003444	9-24	2	131017	9-4	2

NUMERICAL LIST

Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty
131099	9-41	4	181651 (Cont)	7-7	2	33357	7-11	1
132908	2-5	2	181675	9-43	2	33395	4-12	2
133043	6-7	3	189333	9-21	2	33584	4-8	1
137258	3-50	2		9-28	2	33611	4-3	2
	10-3	1	189349	6-17	1	33705	7-8	2
138485	1-46	6	191695	5-30	1	33711	8-2	3
	10-9	2	192481	9-23	2	33712	8-1	3
138489	5-44	2		9-30	2	33713	8-4	6
138538	10-28	2	21777	3-4	4		8-9	6
138549	5-11	1		3-9	4	33729	3-76	2
	6-41	1	271501	9-11	2	33730	3-73	2
142443	3-22	1	272686	10-24	1	33731	3-72	2
144107	11-8	1	272726	10-11	1	33746	3-79	2
144815	4-2	12	273938	10-39	2	33748	3-63	2
	4-4	4	274517	3-67	4	33753	3-54	2
	4-9	1	274865	1-16	2	33756	3-55	2
	4-13	4	28762	3-64	2	33768	1-30	4
147579	1-35	1	28784	10-23	1	33769	1-27	4
	3-15	4	30079	7-15	2	33808	1-6	4
	11-6	2		10-50	2		1-33	1
147664	10-19	4	30081	3-11	4		3-37	2
1500932	3-53	2	30149	3-53	2		5-40	1
177923	3-62	4	30251	3-5	2		6-39	1
180077	10-27	2	30270	6-3	1	33859	5-5	1
180078	10-6	1	30313	4-10	1	34032	5-23	1
180124	5-43	2	30489	5-33	6		6-30	1
180147	5-13	4		6-12	4	34058	2-16	4
180175	6-19	4		11-9	4	34152	11-14	1
181566	2-54	2		11-16	2	34154	11-15	1
	5-24	2	32185	3-21	1	34271	2-2	3
	6-31	2	32186	3-27	1		2-41	4
	7-17	18	32187	3-24	1		2-44	4
	10-52	18	32188	3-26	2		3-40	4
	11-5	2	32237	7-10	2	34304	10-13	1
181578	3-14	2	32266	8-1	2	34305	10-13	1
181581	1-18	1	32286	3-29	3	34340	5-6	1
181595	1-45	6	32528	1-26	4	34628	10-17	1
181608	10-52	12	32532	1-25	4	34629	10-5	1
181637	9-40	4	32588	6-21	2	34636	10-18	2
181643	1-55	2		6-27	4	34645	10-22	2
	3-8	2	33296	3-71	2	34648	7-14	2
	3-66	4	33297	3-70	2		10-49	2
181648	1-8	2	33320	3-2	2	34683	7-6	1
181651	3-3	2	33356	7-11	1	34684	7-6	1

NUMERICAL LIST

Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty
34688	3-15	1	37055	2-17	1	37389	1-64	1
34689	3-18	1	37072	2-51	1	37400	4-11	1
34694	3-17	1		3-42	1	37411	3-61	2
34826	10-38	1	37083	1-44	3	37412	3-65	2
34914	10-33	1		8-	REF	37418	11-18	2
34945	3-52	1	37084	8-7	3	37440	10-7	1
34946	3-33	1	37085	8-3	3	37454	11-10	1
34950	10-40	1	37086	8-6	3	37486	3-31	1
34952	10-41	1	37088	8-8	3	37591	2-48	1
34960	1-47	1	37089	8-11	3	37593	5-29	1
34965	10-43	1	37113	1-57	1		6-37	1
34969	3-69	2		10-	REF	37595	1-28	4
34983	2-47	6	37114	10-55	1	37596	6-26	2
34984	2-1	1	37122	1-21	1	37602	15-3	1
34989	2-43	2	37124	3-51	2	37603	15-4	1
34991	2-10	1	37126	6-23	2	37607	15-1	1
34992	2-38	2	37135	3-41	2	37610	15-6	1
35005	2-45	6	37141	10-2	1	37636	11-19	6
35011	2-40	2	37159	3-30	1	37683	1-58	1
35017	2-42	1	37172	10-33	1		11-1	REF
35022	2-28	1	37173	5-27	1	37684	11-3	1
35023	2-23	2	37181	5-1	1	37712	14-1	1
35024	2-24	1	37183	5-22	1	37713	14-2	1
35027	2-19	2	37188	5-15	1	37714	14-3	1
35028	2-20	1	37190	6-15	1	37715	14-4	6
35029	2-22	4	37191	6-11	1	37718	14-7	1
35041	10-4	1	37192	7-16	2	37722	15-1	1
35042	10-4	1		10-51	2	37936	14-10	1
35044	3-45	1	37199	7-13	1	37944	14-9	1
37000	2-4	1	37200	7-20	1	420998	5-31	3
37001	2-12	1	37222	3-56	2	436752	1-38	4
37005	2-9	1	37226	3-60	2	436667	4-5	3
37006	2-7	1	37231	3-20	2	436752	1-38	4
37009	2-26	1	37249	3-74	2	437028	2-18	1
37024	10-44	2	37250	3-75	2	442826	10-53	12
37033	2-31	1	37253	10-36	1	445170	2-11	4
37034	2-32	1	37254	10-10	1		2-39	6
37037	3-46	1	37259	11-17	1	446143	1-61	20
37039	3-49	1	37265	11-2	1	446152	2-30	4
37040	3-1	2	37268	11-20	1	446188	1-14	4
37041	3-7	2	37273	11-7	1	450590	1-14	2
37042	3-13	2	37351	1-17	1	454012	9-44	2
37045	2-3	1	37357	11-4	1	454927	3-66	4
37051	2-13	2	37374	3-39	2	456145	1-42	2

NUMERICAL LIST

Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty	Part No.	Figure & Index Number	Qty
456145 (Cont)	7-3	2	9000124 (Cont)	7-4	2	9000552	4-6	3
706	1-63	2		10-21	4	9000555	2-37	7
	9-16	2		10-29	2	9000592	9-1	2
9000122	2-6	2		10-37	1	9000821	1-22	2
	2-8	2		10-47	6	9000823	1-60	20
	3-23	1		11-4	2	9000824	2-29	4
	3-48	2	9000125	1-10	2	9000825	9-36	30
9000123	1-7	4		1-29	4	9000826	9-38	16
	1-13	4		3-6	2	9000827	1-51	368
	1-20	1		3-10	2	9000828	1-49	42
	1-34	1		3-59	2	9000884	2-26	1
	2-46	6		3-68	4	9000921	6-6	3
	3-19	4		7-9	2	9000941	2-33	6
	3-39	2		10-12	1	9000942	2-34	1
	3-81	2	9000284	9-8	2	9413314	1-13	2
	5-26	2	9000321	10-46	3	9414492	2-21	4
	5-43	1	9000322	10-45	3	9415426	1-5	4
	6-33	2	9000323	1-41	2		1-32	1
	6-40	1		5-16	4		3-36	2
	7-18	18		6-22	4		5-40	1
	10-53	18	9000324	1-24	4		6-38	1
9000124	1-15	2	9000394	10-59	1	9417098	10-16	1
	1-43	2	9000395	8-5	6		10-42	1
	5-19	4		8-10	6	9417420	3-25	2
	6-25	4	9000461	2-27	2	9421234	9-7	2

