

PARTS AND SERVICE MANUAL

SKI-DADDLER MODELS

5811-3000, -4000

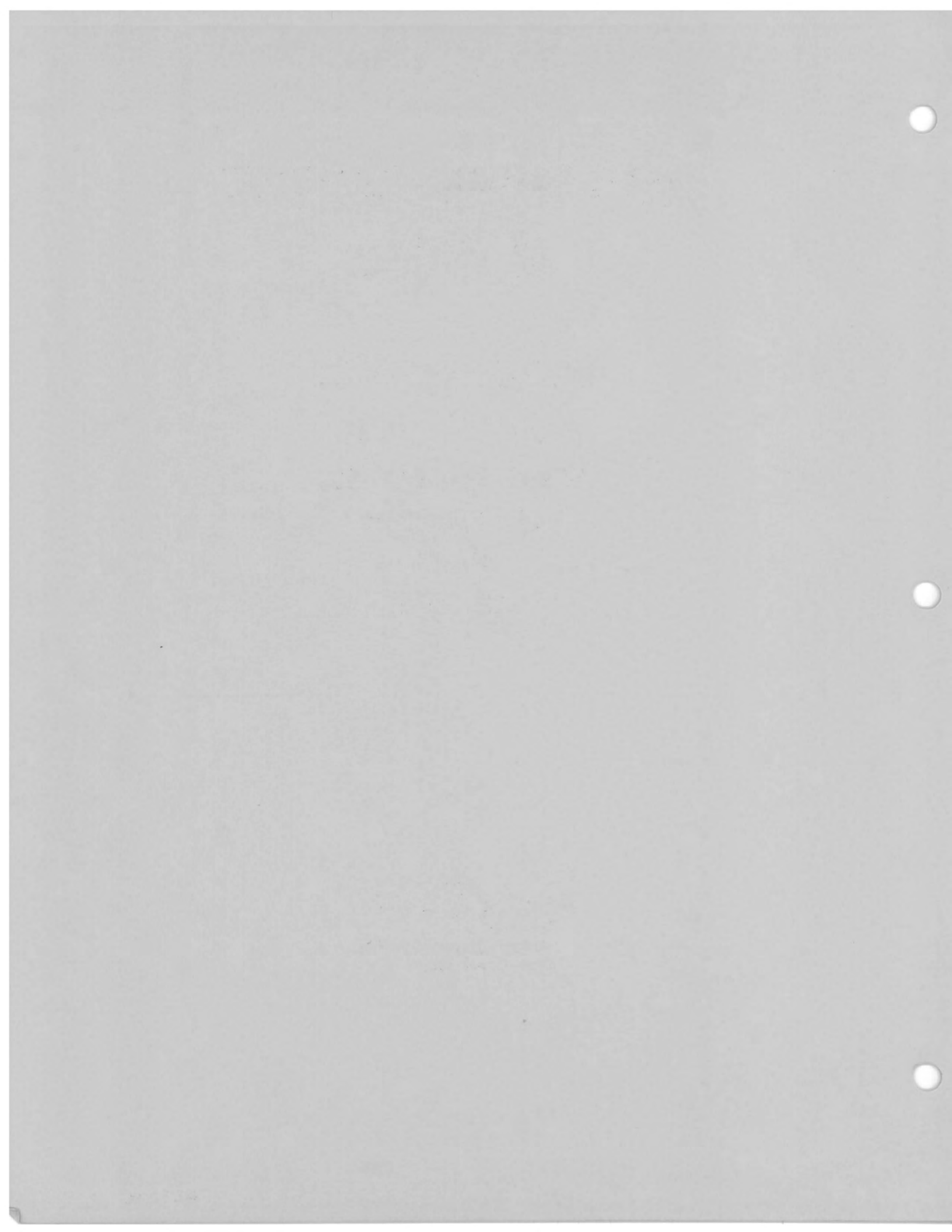
5814-1000, -1100, -2000

5815-1100, -2000

5818-0100

5813-3100

AMF
SKI-DADDLER
SNOWMOBILES



WARRANTY SERVICE

Warranty service policy is printed below and on the warranty registration card included with the unit. The registration card must be filled in and mailed to the manufacturer. The card is postage paid. Warranty service will be handled by all authorized AMF Ski-Daddler dealers.



Your Manual No. _____ is a registered number. Additional parts and service information will automatically be sent to you.

WARRANTY CERTIFICATE AMF SKI-DADDLER SNOWMOBILE

AMF WESTERN TOOL DIVISION warrants this vehicle to the first retail purchaser to be free from defects in material and workmanship for a period of ninety days from its first operation (thirty day limit on commercial use and thirty day limit on rental service). This shall be limited to replacing free of charge, F.O.B., Des Moines, Iowa, any defective part provided that:

- 1. Vehicle has not been subject to accident or misuse.*
- 2. No repairs or alterations have been made outside of our factory or factory approved service station in any respect which in our judgment affects its condition or operation.*
- 3. Defective parts must be returned by authorized dealer within 30 days after failure.*
- 4. That our examination of the part has disclosed to our satisfaction the defect.*
- 5. Warranty does not apply, if the vehicle in question has been used by an authorized dealer or any other person prior to the original retail sale.*

This warranty does not cover normal wear or apply if the sled has been subject to misuse, competition racing, negligence, accident, or submersion under water, or operated on any surface other than snow or ice.

AMF WESTERN TOOL DIVISION shall not be responsible for damage in transit or handling by any common contract carrier.

Under no circumstances, within or without the warranty period, will the Company be liable for damages, for loss of use, or damages resulting from delay or any consequential damages.

This warranty is in lieu of all other warranties expressed or implied, and all other obligations or liabilities on the part of AMF WESTERN TOOL DIVISION. The Company reserves the right to incorporate changes in design into this product without obligation to make these changes on units previously sold.

IMPORTANT

While the warranty covers defects in material and workmanship, certain maintenance items as listed below are considered normal operating expense items and are not covered under the warranty.

- | | |
|---|---|
| 1. Engine tune-up cleaning or replacement of spark plugs. | clutch or traction belt damage due to running engine at high RPM on kickstand, or with variable speed belt removed. |
| 2. Ski Alignment. | 7. Broken windshields. |
| 3. Brake, variable speed, or traction belt adjustment, or variable speed belt replacement. | 8. Any modifications other than factory recommendations. |
| 4. Brake lining or ski wear rod replacement. | 9. Use of sled for competition racing will void warranty |
| 5. Paint, body dents, damaged fiberglass, and chrome or trim damage due to use. | 10. Traction belt failure due to misalignment or abuse. |
| 6. Engine damage due to lack of sufficient oil in fuel mixture, incorrect oil, too lean carburetor adjustment, or | |

Include the complete (8 digit) model number as shown on Model Plate when ordering parts or asking for information. Due to slight engineering changes, this is for identification purposes only.

WARRANTY FLAT RATE LABOR SCHEDULE

Model 5813-3100

1. Remove and replace shifting shaft in transmission	2 Hours
2. Remove and replace chain	1 Hour
3. Remove and replace driven clutch	1/2 Hour
4. Remove and replace driving clutch	1/2 Hour
5. Install shift lever and bracket on transmission	1/2 Hour
6. Remove and replace rubber drive sprockets (drive shaft)	3 Hours
7. Remove and replace traction belt and adjust	1 Hour
8. Remove and replace rear idler shaft or bearings	1 Hour
9. Remove and replace rear support arms (2)	1 Hour
10. Remove and replace fuel tank	5 Hours
11. Remove and replace throttle cable and/or housing	1/4 Hour
12. Remove and replace brake cable and/or housing	1/4 Hour
13. Remove and replace spindle arm	1/4 Hour
14. Remove and replace steering spindle	1/2 Hour
15. Remove and replace bogie support half (1 or both)	1/2 Hour
16. Remove and replace bogie wheel	1/4 Hour
17. Remove and replace voltage regulator	1/2 Hour
18. Remove and replace starter solenoid	1/4 Hour

WARRANTY FLAT RATE LABOR SCHEDULE

Models 5811-3000	5814-1100	5815-1100
5811-4000	5814-2000	5815-2000
5814-1000	5815-1000	5818-0100

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

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INTRODUCTION

This maintenance manual contains service instructions for the following AMF Ski-Daddler snowmobiles:

Sno-Scout — Models 5811-3000 and 5811-4000

Super Scout II — Models 5814-1100 5814-1100 and 5814-2000

Super Scout III — Models 5815-1000 and 5815-2000

Wide Track 18 — Model 5818-0100

Wide Track 22 — Model 5813-3100

If the information is not applicable to any one of the above models, the exceptions will be noted and the correct information for the particular model will be given.

CHASSIS

TO REMOVE HOOD ASSEMBLY

1. Disconnect ignition wiring at the connector plug below the dashboard.
2. Release the left- and right-hand holddown straps securing the hood assembly to the main frame.
3. Release the front hood release knob and carefully lift the hood assembly clear.
4. Reassembly is the reverse of removal.

TO REPAIR HOOD ASSEMBLY

Repair material for the fiber glass hoods and the Model 5818 Cyclac-L plastic hood can be purchased locally through any auto-parts or marine supply stores. Follow vendor's instructions carefully when making repairs.

STEERING

To insure proper steering, the skis should be parallel to each other and with the sled body when the steering handle is in the straight-ahead position. The distance between inside edges of the skis at the front and at the rear should be equal. Figure 1 shows the approximate front measuring points. If the skis are out of line, refer to paragraph SKI ALIGNMENT.

SKI ALIGNMENT

1. Place steering handle in a straight-ahead position.
2. Remove the hood assembly to gain access to the adjustments. Refer to paragraph TO REMOVE HOOD ASSEMBLY.
3. Remove locknut (figure 2), spindle screw and spacers securing the ball joint to spindle arm.
4. Loosen locknut on the tie rod.
5. Turn the ball joint clockwise to toe ski out, or

counterclockwise to toe ski in.

6. Replace ball joint on spindle arm and check adjustment.

7. When proper adjustment has been achieved, replace nut on bottom of ball joint and secure the tie rod locknut.

Note

If a greater adjustment is required than that permitted at the ball joint, it will be necessary to loosen the bolt securing the ski spindle and to reposition the ski as follows.

8. Loosen the spindle bolt securing the ski spindle to the spindle arm.

9. With steering handle in the straight-ahead position, reposition the ski assembly making certain that the skis are parallel to each other. Tighten the bolt and nut and the spindle arm until secure.

CAUTION

After adjustment, check to be certain steering arms will not hit the hood.

10. Replace the hood.

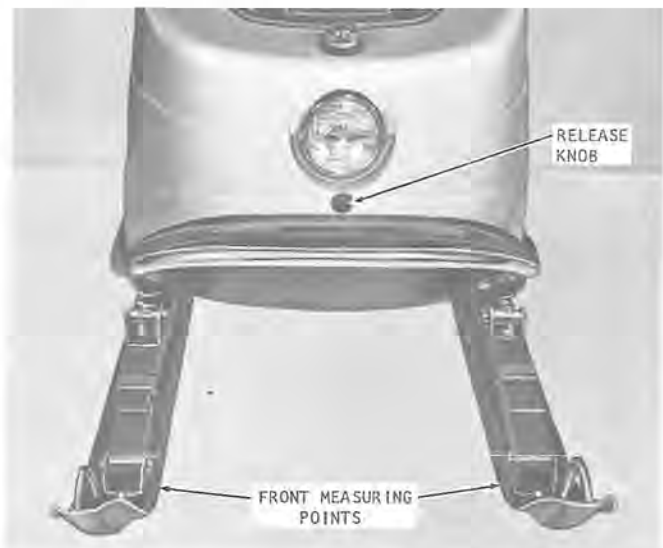


Figure 1

POWER TRAIN

TO REMOVE DRIVE BELT

Remove tension from belt by following instructions under DRIVE BELT ADJUSTMENT for the applicable model. Remove the belt guard and remove the drive belt (figure 3) from the driven clutch sheaves. Remove other end from drive clutch. Replace in reverse order. After replacing drive belt check the belt tension. Refer to DRIVE BELT ADJUSTMENT.

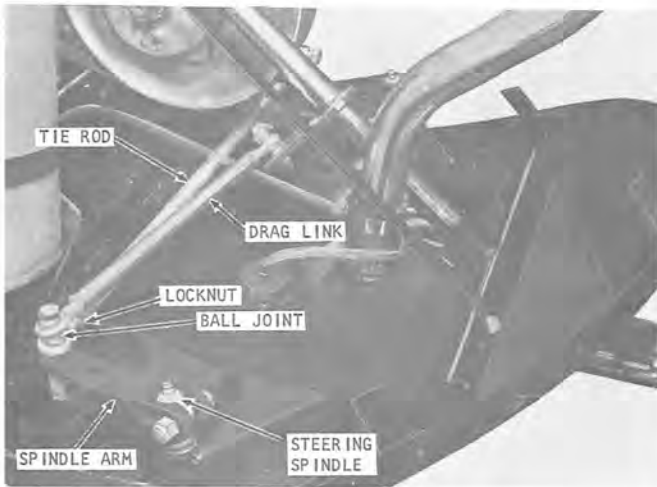


Figure 2



Figure 3

DRIVE-BELT TENSION AND ALIGNMENT

Models 5811-3000, -4000; 5814-1000, -1100, -2000; 5815-1100, -2000; 5818-0100

Proper tension and alignment are essential to long service life and efficient operation of the drive belt. Follow the step-by-step procedures outlined below to ensure proper tension and alignment.

DRIVE-BELT TENSION

1. Loosen three bolts marked A (figure 4) and the two nuts securing the lower chain housing to the main frame. DO NOT loosen bolts marked B.

2. Loosen locknut C and turn adjusting bolt D clockwise to tighten the drive belt. To loosen the belt, turn bolt D counterclockwise and move the chaincase to the rear. Turn in the adjusting bolt and secure with locknut.

3. When proper tension is achieved, tighten all nuts and bolts including the two lower nuts.

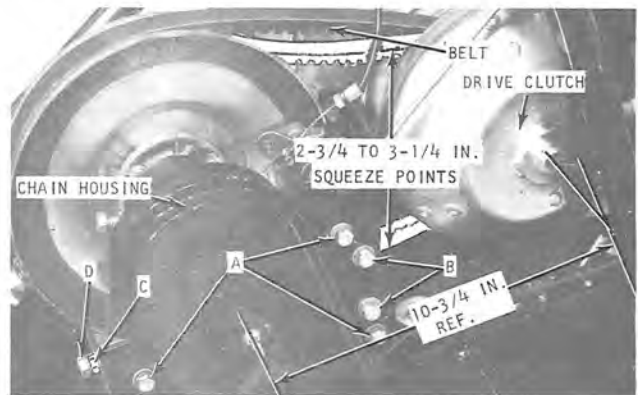


Figure 4

NOTE: Proper tension for a NEW belt is obtained when the clutch centers are spaced 10-3/4 inches apart (figure 4A). Proper tension for a USED belt is obtained when the opposite sides of the belt can be squeezed to within 2-3/4 to 3-1/4 inches of each other at the drive clutch (figure 4).

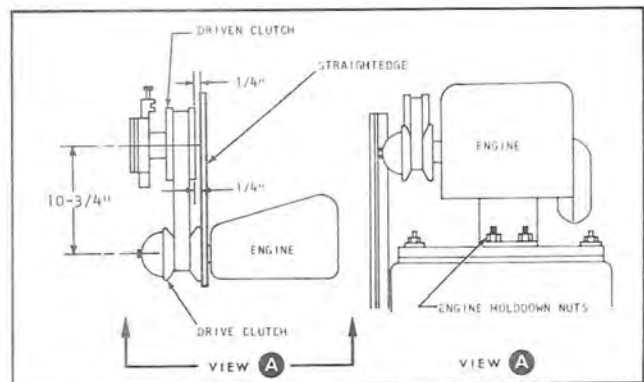


Figure 4A

DRIVE-BELT ALIGNMENT

1. Remove the clutch guard.
2. Loosen the four bolts securing the engine to the engine mount (figure 4A).

3. 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 1/4 inch.

4. Tighten engine holddown nuts and recheck alignment. Rotate driven clutch 90 degrees and repeat procedure if necessary.

DRIVE BELT ADJUSTMENT

Model 5813

Figures 5 and 6 show cutaway views of the chain and gear case. If drive belt is too loose, loosen the fasteners marked A in figures 5 and 6. Fasteners are located on the inside of the gear case just above the frame. Loosen the fasteners marked B (figures 5 and 6), located at the bottom of the gear case on the inside. Access to these fasteners is obtained by reaching underneath the side of the sled. With the fasteners loose, the gear case can be moved approximately 1/4-inch forward or backward. Move the gear case forward to tighten the drive belt and move it backward to loosen the belt. When adjustment is completed, tighten fasteners marked A and B (figures 5 and 6).

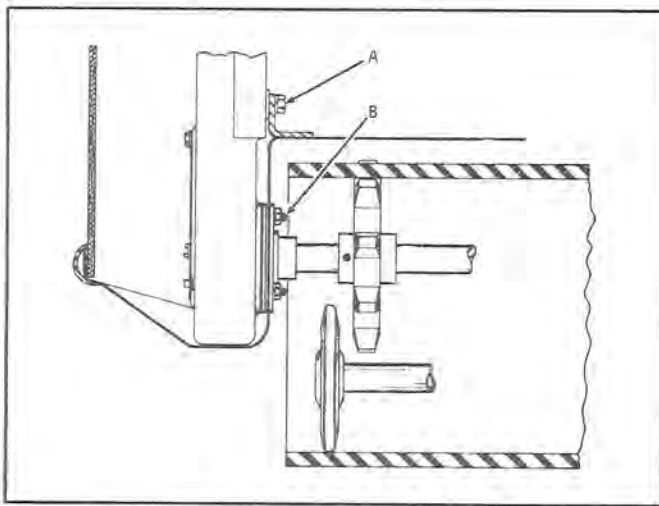


Figure 5

TO REMOVE DRIVEN CLUTCH

Models 5811, 5814, 5815 and 5818

1. Remove the hood assembly. Refer to paragraph TO REMOVE HOOD ASSEMBLY.

2. Remove the clutch guard and drive belt. Refer to paragraph TO REMOVE DRIVE BELT.

3. Remove the drive chain. Refer to paragraph TO REMOVE DRIVE CHAIN.

4. Remove the cotter pin, slotted nut, wave washer and spacer washer (used on Model 5811 only) to remove the sprocket.

Note

During reassembly, apply 35 to 45 foot-pounds torque to the slotted nut and then back off the nut as required to engage the cotter pin.

5. On Models 5814, 5815 and 5818, remove the spacer washer located between the sprocket and the bearing.

6. Disconnect the brake cable by loosening the screw at the chain housing and disconnect the spring.

7. Remove the chain adjustment bolt.

8. Remove the screws, 1/2-inch spacers and nuts securing the disc brake caliper components.

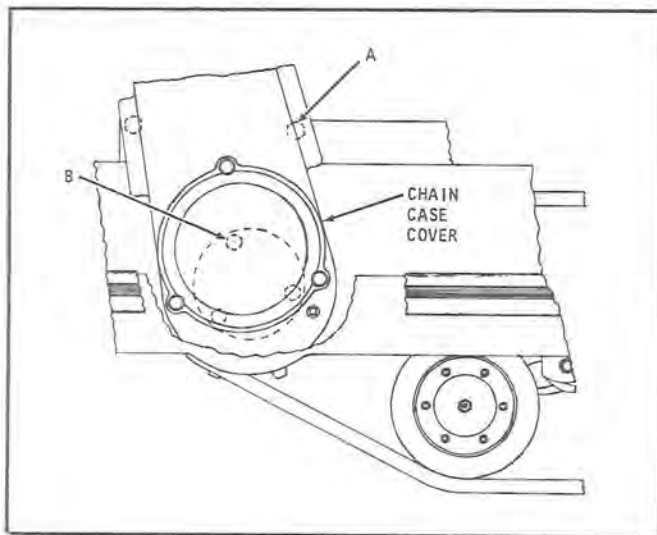


Figure 6

9. Remove the driven clutch assembly.

CAUTION

When replacing the driven clutch assembly, pack the bearings in the chain adjusting cam with No. 2 Lithium bearing grease.

10. Remove the roller bearing, shims, and sleeve from the cam. Note the position and number of shims to facilitate reassembly.

CAUTION

If the cam, bearings or sleeve is replaced, check for sufficient shaft-to-cam end play. If end play is greater than the required 0.004 to 0.008, remove shims; if less than 0.004, add shims.

11. Reassembly is the reverse of removal. During reassembly follow instructions in DRIVE BELT ADJUSTMENT and DRIVING CHAIN ADJUSTMENT.

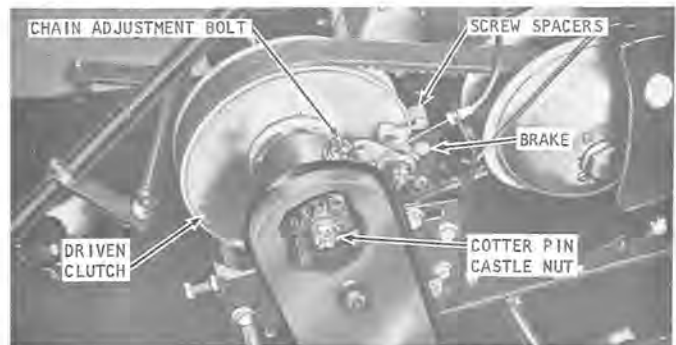


Figure 7

**TO REMOVE DRIVEN CLUTCH
Model 5813**

1. Remove the hood assembly. Refer to paragraph TO REMOVE HOOD ASSEMBLY.
2. Remove the clutch guard and drive belt assembly. Refer to paragraph TO REMOVE DRIVE BELT.
3. Remove the locknut and bolts securing the disc brake calipers and remove brake components.
4. Remove nut and washers securing the driven clutch to the shaft and remove the clutch. Remove the clutch key.
5. Reassembly is the reverse of removal. During reassembly follow instructions in paragraph DRIVE BELT ADJUSTMENT - Model 5813.

**TO REMOVE DRIVE CHAIN
Models 5811, 5814, 5815 and 5818**

1. Remove the hood assembly. Refer to paragraph TO REMOVE HOOD ASSEMBLY.
2. Remove the chain housing cover.

The chain case housing contains 1-1/2 pints of No. 2 Lithium bearing grease.

3. Loosen the chain adjusting bolt and push down to slacken the drive chain.
4. Remove the chain (figure 7).
5. Reassembly is the reverse of removal. During reassembly follow instructions outlined in paragraph DRIVING CHAIN ADJUSTMENT.

**TO REMOVE DRIVE CHAIN
Model 5813**

1. Remove the hood assembly. Refer to paragraph TO REMOVE HOOD ASSEMBLY.
2. Remove the screws securing the chain case cover and remove the cover (figure 6).
3. Remove the lock wire securing the master chain link and remove the master chain link.
4. Pull the drive chain through the chain case cover opening.
5. Reassembly is the reverse of removal except that the top chain case housing cover must be removed and the replacement chain installed through the top opening.

DRIVING CHAIN ADJUSTMENT

Models 5811, 5814, 5815 and 5818

1. Remove the hood assembly. Lay Ski-Daddler on right-hand side and remove the chain housing cover (figure 4).

The chain case housing contains 1-1/2 pints of No. 2 Lithium bearing grease.

2. Check chain for maximum 1/4-inch slack.
3. If slack is greater than 1/4 inch, loosen the locknut and chain adjustment bolt. Push bolt up to tighten chain or down to loosen chain.

CAUTION

Be certain brake assembly clears the clutch flange after adjusting chain. If necessary, loosen the two bolts B (figure 4) and reposition brake assembly.

4. When properly adjusted, retighten locknut on adjustment bolt securely and replace cover plate.

DRIVING CHAIN ADJUSTMENT

Model 5813

1. Remove the hood assembly.
2. Remove the three screws securing the bottom cover and remove cover.

The chain case housing contains 1-1/2 pints of No. 2 Lithium bearing grease.

3. Check chain for tension. A properly adjusted chain should have a maximum 1/4-inch slack.
4. Loosen the three screws and clips securing the chain adjustment.
5. Rotate the chain adjustment device counterclockwise as required to tighten the chain.

CAUTION

Rotate the chain adjustment device counterclockwise only. Tightening in the clockwise direction may result in damage to the component.

6. Reassembly is the reverse of removal.

BRAKE ADJUSTMENT

Models 5811, 5814, 5815 and 5818

1. If brake adjustment is needed, remove cotter pin from castle nut on the brake arm and tighten or loosen castle nut until the brake pads just clear the clutch sheave (figure 4). Reinstall cotter pin.

BRAKE ADJUSTMENT

Model 5813

The disc-caliper brake may be adjusted as follows:

1. If the brake needs tightening, loosen the Allen screw shown in figure 8. Pull brake cable tight and secure Allen screw.

2. If further adjustment is needed, remove cotter pin (figure 8) from the castle nut on the brake arm and tighten castle nut until the brake pads just drag on the brake disc. Then back off the castle nut one notch and reinstall cotter pin.

3. If brake is too tight, reverse the above procedure.

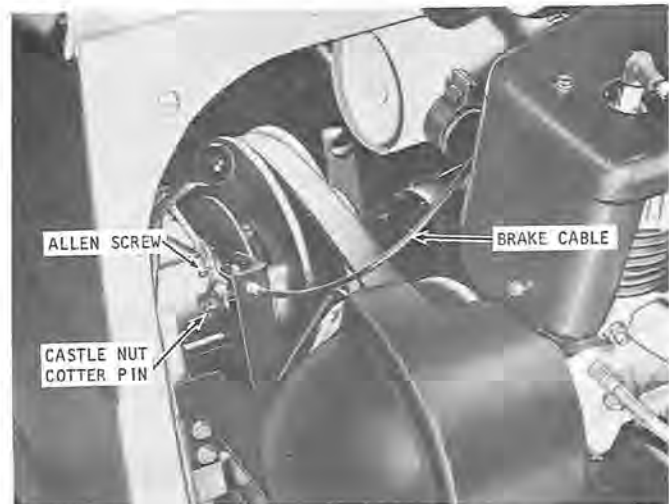


Figure 8

TRACK GROUP

TO REMOVE TRACTION BELT

Models 5811, 5813 and 5814

1. Release track tension by loosening adjusting bolts (1, figure 9).

2. Place Ski-Daddler on the kickstand or on its right-hand side. (All models except Model 5811 are equipped with a kickstand.)

WARNING

To set the kickstand, lift the sled using the hand rail. Keep hands away from corners when swinging the kickstand up or down. Hands should not be placed where they might be pinched between the kickstand and the frame.

3. Remove the three lacer pins from the belt splice and remove the belt.

4. Reassembly is the reverse of removal. During reassembly follow instructions under TRACK TENSION ADJUSTMENT AND TRACK ALIGNMENT.

TO REMOVE TRACTION BELT Models 5815 and 5818

1. Place the Ski-Daddler on the kickstand.

WARNING: To set the kickstand, lift the sled using the hand rail. Keep hands away from corners when swinging the kickstand up or down. Hands should not be placed where they might be pinched between the kickstand and the frame.

2. Remove the bogie-wheel assemblies. Refer to paragraph TO REMOVE BOGIE WHEELS AND SPRINGS, steps 1 through 3.

3. Remove the rear-sprocket assembly. Refer to paragraph TO REMOVE REAR SPROCKET ASSEMBLY, steps 1 through 5.

4. Place sled on its right-hand side.

5. Remove drive-sprocket assembly. Refer to paragraph TO REMOVE DRIVE SPROCKET ASSEMBLY.

NOTE: With the removal of the drive-sprocket assembly, the one-piece traction belt will be clear for removal. To replace the traction belt, the procedure is the reverse of removal. During reassembly, follow instructions given in paragraphs TRACK ALIGNMENT, TRACK TENSION ADJUSTMENT, AND DRIVING CHAIN ADJUSTMENT.

TRACK TENSION ADJUSTMENT

Traction-belt life and efficiency depend largely on proper tension and alignment. To adjust tension, proceed as follows:

1. Set Ski-Daddler on a clean, flat surface. Do not use the kickstand.

NOTE: A properly tensioned track should have a 1- to 1-1/4-inch sag at the approximate top center of the track. This condition can be determined as follows:

2. Rest a straight bar of sufficient length along the top surface and near the edge of the track (see figure 9). Insert the straight bar through the back end of the sled and check for proper 1- to 1-1/4-inch sag. Repeat the procedure on the opposite side and note the difference, if any, in track tension.

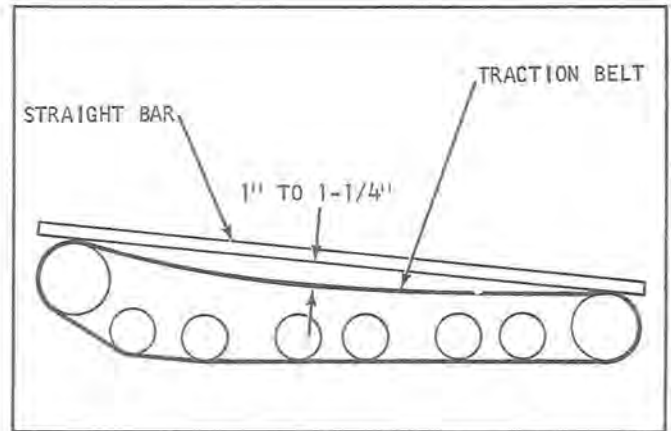


Figure 9

3. If adjustment is necessary, loosen the two locknuts (1, figure 9A) on each side of the sled sufficiently to permit movement of the belt-adjusting angle (2).

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

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

5. Set the sled on the kickstand and start the engine. Allow the track to rotate several turns and then repeat the tension-adjustment procedure to ensure that proper tension is maintained.

6. Retighten locknuts (1) on both sides of the Ski-Daddler.

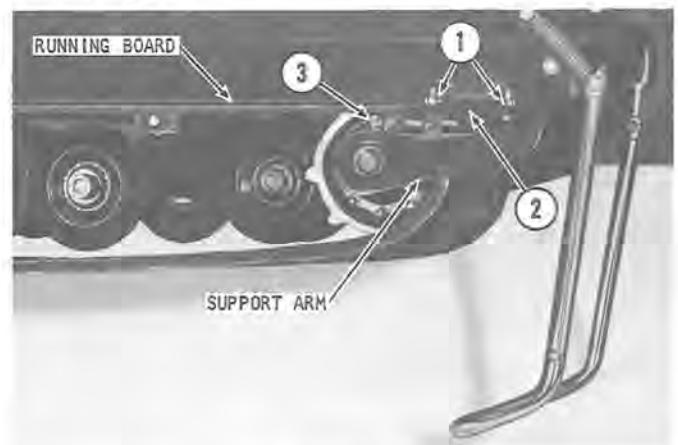


Figure 9A

TRACK ALIGNMENT

1. Place the sled on the kickstand and run the engine until the clutch engages and the track turns SLOWLY.

2. While the track is turning SLOWLY, stand to the rear of the sled and visually check that the sprocket teeth are centered in the track slots and that the clearance between the track and support arms is the same on each side.

3. If the track is not centered, loosen the two locknuts (1, figure 9A) securing the belt-adjusting angle (2) on each side of the sled. Tighten adjusting screw (3) on the side where the track is closer to the support arm until the track is centered.

4. After track alignment is completed, check track tension. If satisfactory, tighten locknuts (1).

TO REMOVE BOGIE WHEEL ASSEMBLY

1. Place Ski-Daddler on its kickstand. (All models except Model 5811 are equipped with a kickstand.)

WARNING

To set the kickstand, lift the sled using the hand rail. Keep hands away from corners when swinging the kickstand up or down. Hands should not be placed where they might be pinched between the kickstand and the frame.

2. Remove the locknut securing the bogie wheel assembly to the axle shaft and remove the wheel.

Note

The front bogie assembly on Model 5818 contains five wheels. To remove the center bogie wheel, proceed as follows:

3. Remove the locknut securing the bogie wheel assembly on one side only and remove the wheel.

4. Remove the opposite wheel and axle shaft clear of the support assemblies.

CAUTION

As the end of the axle shaft passes the center of the support assemblies, the center bogie wheel will fall free. Do not lose the bushings.

5. Reassembly is the reverse of removal except be certain the wheel bushings are properly positioned when reinserting the axle shaft through the support assemblies.

TO REMOVE BOGIE WHEELS AND SPRING ASSEMBLY

1. Place the Ski-Daddler on the kickstand. (All models except Model 5811 are equipped with a kickstand.)

WARNING

To set the kickstand, lift the sled using the hand rail. Keep hands away from corners when swinging the kickstand up or down. Hands should not be placed where they might be pinched between the kickstand and the frame.

2. Remove the bogie wheel assembly by removing the bolt (figure 10) and washer from each end of the bogie wheel support shaft.

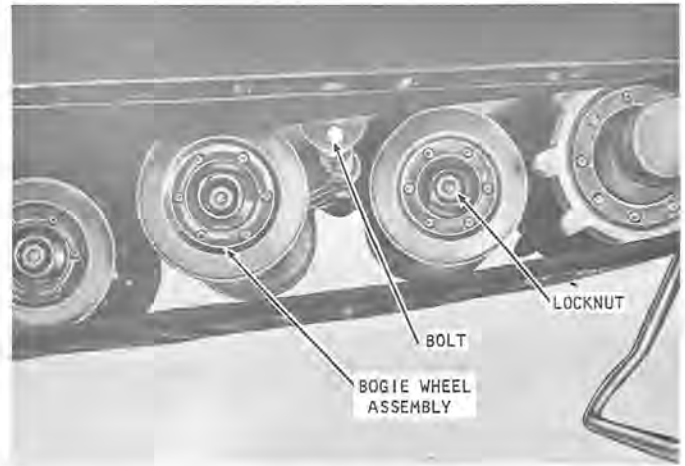


Figure 10

3. Pull out the bogie wheel assembly.

4. Remove the support shaft which holds the bogie wheel support assembly halves together.

5. Pull the bogie wheel support halves apart to remove the springs.

6. Reassembly is the reverse of removal.

TO REMOVE REAR SPROCKET ASSEMBLY

1. Place Ski-Daddler on the kickstand. (All models except Model 5811 are equipped with a kickstand.)

WARNING

To set the kickstand, lift the sled using the hand rail. Keep hands away from corners when swinging the kickstand up or down. Hands should not be placed where they might be pinched between the kickstand and the frame.

2. Release track tension by loosening adjusting bolts (figure 9).

3. Unlock the torsion springs connected to the support arms.

4. Remove the right- and left-hand adjusting angle nuts (1, figure 9).

5. Remove the rear sprocket assembly.

6. Remove the support arms if necessary to replace bearings, seals or sprockets.

7. Remove the press-on bearings and grease seals.

8. Remove the screws and nuts securing the sprocket plate and the sprocket.

9. Reassembly is the reverse of removal. During reassembly follow instructions outlined in paragraphs TRACK ALIGNMENT and TRACK TENSION ADJUSTMENT.

TO REMOVE GREASE SEALS AND BALL BEARINGS

To replace the grease seals or the ball bearings follow the instructions in paragraph TO REMOVE

REAR SPROCKET ASSEMBLY or TO REMOVE DRIVE SPROCKET ASSEMBLY.

TO REMOVE DRIVE SPROCKET ASSEMBLY Models 5811, 5814, 5815 and 5818

1. Remove the hood assembly and set the machine on its right-hand side.
2. Remove the chain housing cover (figure 4).

The chain case housing contains 1-1/2 pints of No. 2 Lithium bearing grease.

3. Loosen the chain adjusting bolt and push down to slacken the drive chain.

4. Remove the sprocket from the drive shaft and the chain.

5. Using a screw driver, carefully pry the oil seals (figure 11) away from the ball bearings at each end of the drive shaft.

6. Move the drive shaft and sprocket assembly toward the chain housing side until the opposite end of the shaft clears the bearing retainer and plate assembly (figure 12). Remove the drive shaft and sprocket assembly.

When replacing drive sprocket assembly, add No. 2 Lithium bearing grease to the chain case housing and the sprocket bearings.

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

8. Reassembly is the reverse of removal. During reassembly follow instructions outlined in paragraphs TRACK TENSION ADJUSTMENT, TRACK ALIGNMENT, and DRIVING CHAIN ADJUSTMENT.

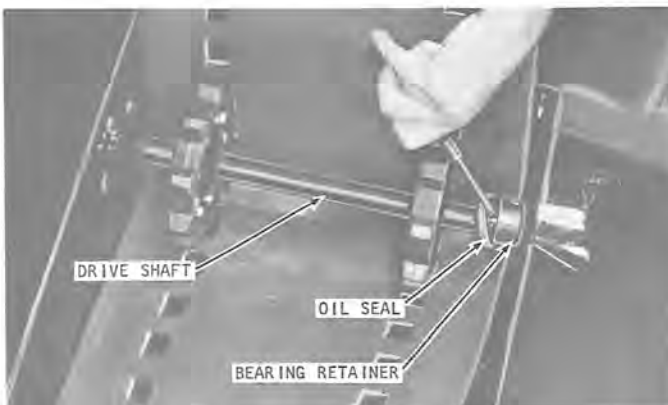


Figure 11

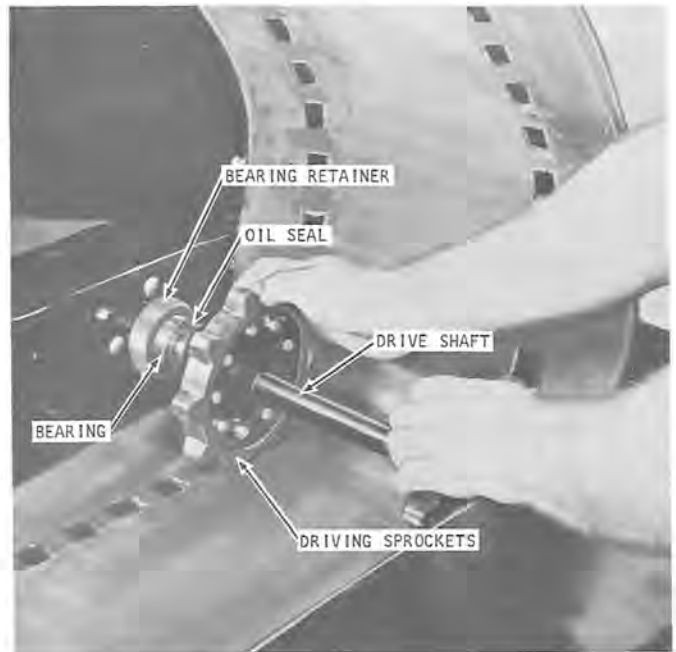


Figure 12

TO REMOVE DRIVE SPROCKETS Model 5813

1. Remove cables from battery terminals. Remove battery hold down fasteners. Remove battery from sled.
2. Place Ski-Daddler on kickstand.

WARNING

To set the kickstand, lift the sled using the hand rail. Keep hands away from corners when swinging the kickstand up or down. Hands should not be placed where they might be pinched between the kickstand and the frame.

3. Release track tension by loosening the adjusting bolts (figure 9).

4. Remove the three screws, lockwashers and nuts that hold the bearing retainer to the right side of the sled (figure 13).

5. Place sled on its right side.

6. Remove the lacer pins from the drive track by straightening the pins and withdrawing them.

7. Pull belt to one side to gain access to the drive sprockets.

8. Remove the setscrews to loosen the collars in both ends of the drive shaft (figure 13).

9. Remove the three screws securing the chain case cover.

10. Remove the bolt and washer (figure 14) from the end of the drive shaft. Tap the drive sprockets to the right to remove the drive shaft from the gear case.

11. Loosen setscrews holding the drive sprockets in place. Slide the sprockets off the left end of the drive shaft.

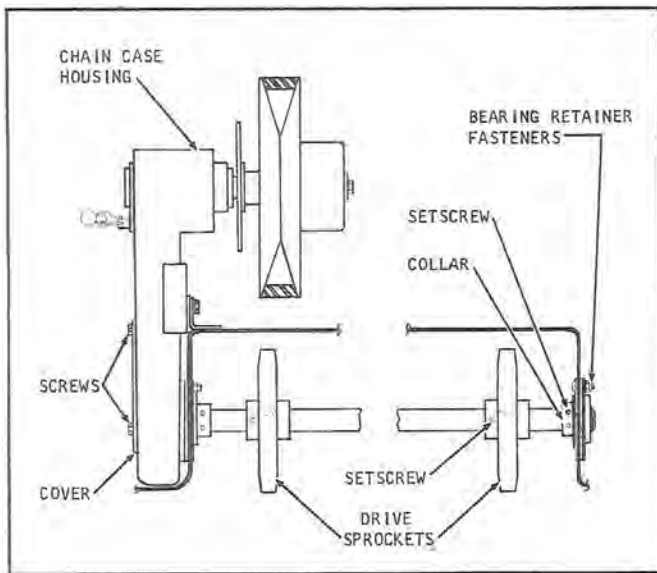


Figure 13

12. Reassembly is the reverse of removal.

Note

When replacing the drive shaft into the gear case, align the large sprocket and the spacer behind it before inserting the drive shaft (figure 15). Insert shaft and align the notches on the end of the drive shaft with those on the sprocket in the gear case. Follow instructions under TRACK ALIGNMENT and TRACK TENSION ADJUSTMENT when reassembly is completed.

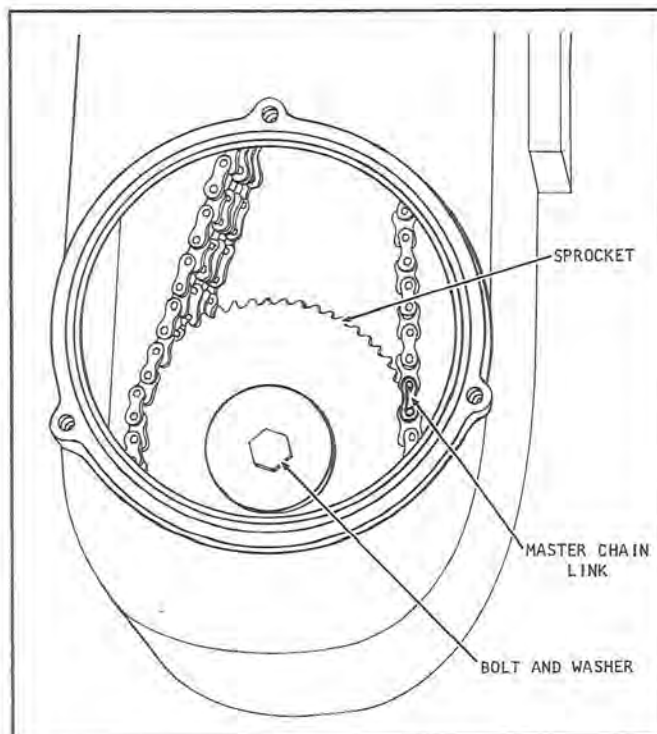


Figure 14

CARBURETOR

ADJUSTMENT

Models 5811 and 5813

IT IS IMPORTANT NOT TO FORCE ADJUSTMENTS INTO SEATS. The carburetor used is a Tillotson Model HR Carburetor. For best results the engine should be warm when final carburetor adjustments are made. Figure 16 shows the left side of the carburetor and figure 17 shows the right side.

WARNING

Do not operate the Ski-Daddler engine in an enclosed area unless it is adequately ventilated.

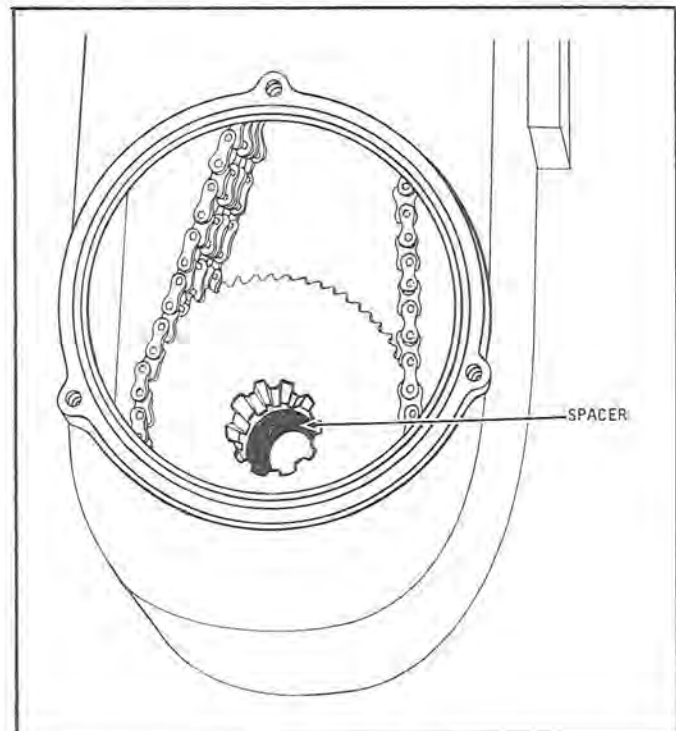


Figure 15

1. STARTING A COLD ENGINE - Close choke and crank engine. After the engine starts move choke to the open position.
2. STARTING A WARM ENGINE - Start engine with the choke open. The choke is shown in figure 16.
3. TO ADJUST THE CARBURETOR - Turn in the high-speed jet all the way (DO NOT FORCE), then open 1-1/4 turns.

When engine is warm, place Ski-Daddler on the kickstand and slowly accelerate to high speed. (All models except Model 5811 are equipped with a kickstand.) Turn high-speed adjustment needle in to point where engine runs the fastest and smoothest,

then open needle (turn out 1/4 turn). Turn in the idle mixture screw all the way (DO NOT FORCE) and then open one full turn. **IMPORTANT: MAKE NO OTHER ADJUSTMENTS TO IDLE MIXTURE SCREW.** This adjustment controls the mixture at idling speeds. A lean mixture will cause poor acceleration. Adjust the idle speed screw shown in figure 17. Keep idle speed slower than clutch engaging speed (approximately 1750 to 2000 RPM).

Note

Figure 17 also shows a throttle wire adjustment collar screw. Remove carburetor air cleaner and depress the throttle control. If this does not open the throttle plate completely, loosen throttle wire adjustment screw and re-adjust to open throttle.

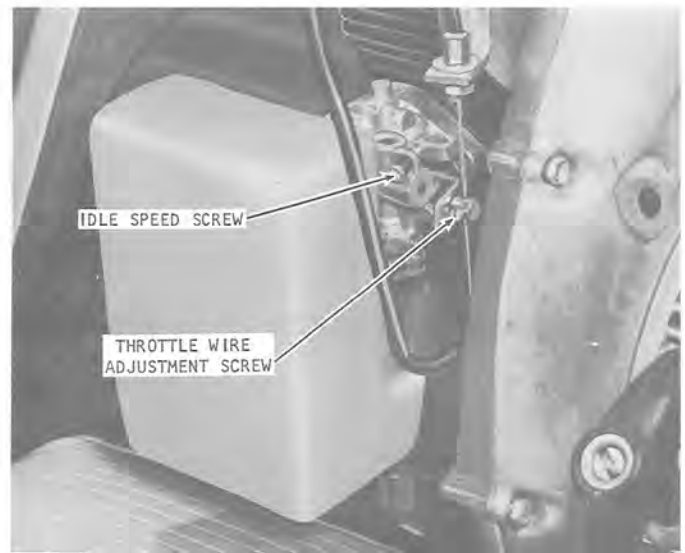


Figure 17

When engine is warm, place Ski-Daddler on the kickstand and slowly accelerate to high speed. Turn high-speed adjustment needle in to the point where the engine runs the fastest and smoothest, then open needle (turn out 1/4 turn). Turn in the idle mixture screw all the way (DO NOT FORCE) and then open one full turn. **IMPORTANT: MAKE NO OTHER ADJUSTMENTS TO IDLE MIXTURE SCREW.** This adjustment controls the mixture at idling speeds. A lean idle mixture will cause poor acceleration. Adjust the idle speed screw shown in figure 19. Keep idle speed slower than clutch engaging speed (approximately 1750 to 2000 RPM)

Note

Figure 19 also shows a throttle wire adjustment collar screw. Remove carburetor air cleaner and depress the throttle control. If this does not open the throttle plate completely, loosen throttle wire adjustment screw and readjust to open throttle.

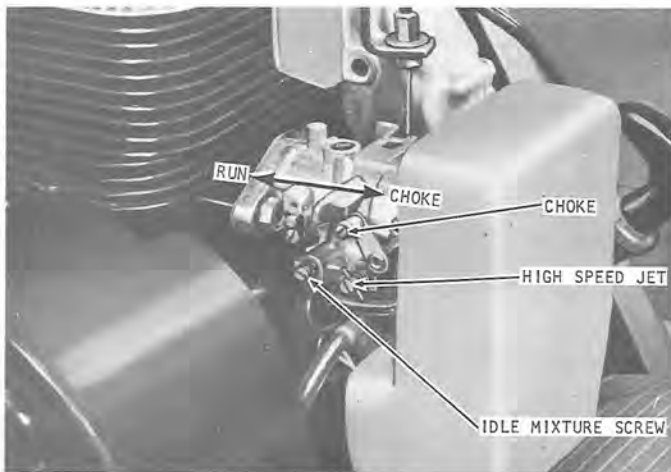


Figure 16

ADJUSTMENT

Models 5814, 5815 and 5818

IT IS IMPORTANT NOT TO FORCE ADJUSTMENTS INTO SEATS. The carburetor used is a Tillotson Model HD Carburetor. For best results the engine should be warm when the final carburetor adjustment is made. Figure 18 shows the left side of the carburetor and figure 19 shows the right side.

WARNING

Do not operate the Ski-Daddler engine in an enclosed area unless it is adequately ventilated.

1. **STARTING A COLD ENGINE** - Close choke and crank engine. After the engine starts move choke to the open position.
2. **STARTING A WARM ENGINE** - Start engine with choke open. The choke is shown in figure 18.
3. **TO ADJUST CARBURETOR** - Turn in the high-speed jet all the way (DO NOT FORCE), then open 1-1/4 turns.

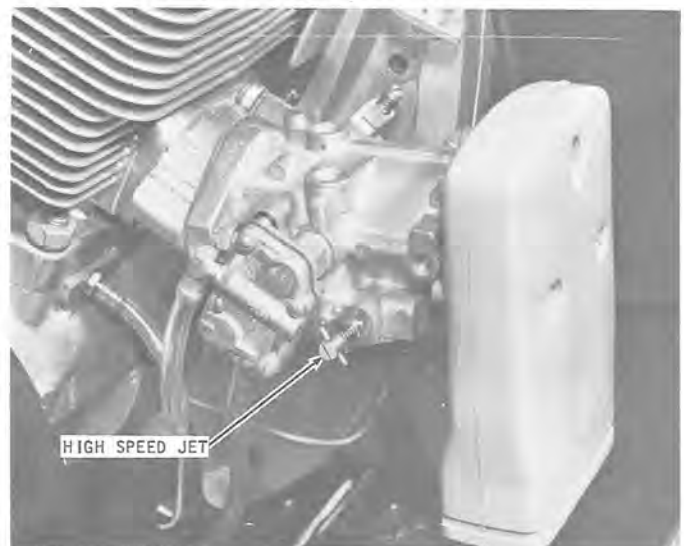


Figure 18

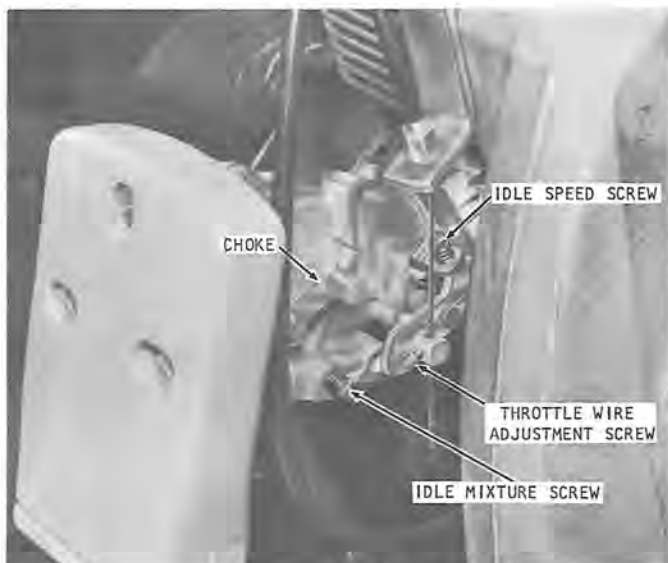


Figure 19

ELECTRICAL

The electrical wiring diagrams for all AMF Ski-Daddler models covered in this service manual are shown in figures 20 through 24. Each diagram is identified with the model number for which it applies.

TO REMOVE HEAD LAMP ASSEMBLY

1. Remove the hood assembly. On model 5813, remove the top access panel only.
2. Remove the screws and nuts securing the head lamp assembly to the hood.

3. Disconnect electrical leads and remove the head lamp.
4. Reassembly is the reverse of removal.

TO REMOVE TAIL LAMP ASSEMBLY

1. Remove screws securing the tail lamp lens to the rear cover.
2. Replace bulb.
3. Reassembly is the reverse of removal.

FUEL MIXTURE

OIL-GASOLINE RATIO

The proper fuel mixture ratio of oil to gasoline is important to insure efficient engine performance. Too much oil will cause carbon deposits and too little will result in insufficient lubrication. Refer to the FUEL MIXTURE chart for proper weight oil and proper oil-to-gasoline ratio for each engine.

FUEL MIXTURE INSTRUCTIONS

NOTE: 20 to 1 equals 20 parts gas to 1 part oil.

ENGINE	REGULAR OIL 30 OR 40 WT	AMF OIL
JLO-L-227 -292 -297 -300 -372 -380	20 TO 1, UNDER ALL CONDITIONS	FIRST 25 HOURS USE 32 TO 1, AFTER 25 HOURS USE 40 TO 1; FOR SEVERE SERVICE USE 32 TO 1 RATIO.
LLOYD - LS-400	40 WT OIL ONLY 40 TO 1 UNDER ALL CONDITIONS	40 TO 1 UNDER ALL CONDITIONS

LUBRICATION INSTRUCTIONS

PART	LOCATION	TYPE OF LUBRICATION	FREQUENCY
Steering Spindles	Grease Zerk on Spindles	Low-Temperature Grease	50 hours
Chain Housing	Chain Case Housing	No. 2 Lithium Bearing Grease	40 hrs., replace 1-1/2 pints; check each 10 hrs.
Sprocket Bearings	Front and Rear Sprockets	No. 2 Lithium Bearing Grease	40 hours
Bogie Wheels	Grease Zerk in center of bogie wheel	Low-Temperature Grease	25 hours
Driven Clutch	Clutch bearing	No. 2 Lithium Bearing Grease	*Yearly
Steering	End of handle column	Light Engine Oil	50 hours

*Pack the driven clutch bearings with No. 2 Lithium bearing grease prior to initial startup each winter; or in the springtime when preparing the Ski-Daddler for summer storage.

THROTTLE-WIRE REINFORCEMENT, INSTALLATION

1. Back off the throttle-wire adjustment screw (figure 19A).
2. Withdraw the throttle wire from the linkage.
3. Carefully slide the throttle-wire reinforcement over the throttle wire.
4. Holding the reinforcement above the linkage, slide the throttle wire through the linkage.
5. Center the reinforcement within the linkage and tighten the adjustment screw sufficiently to collapse the reinforcement against the wire.

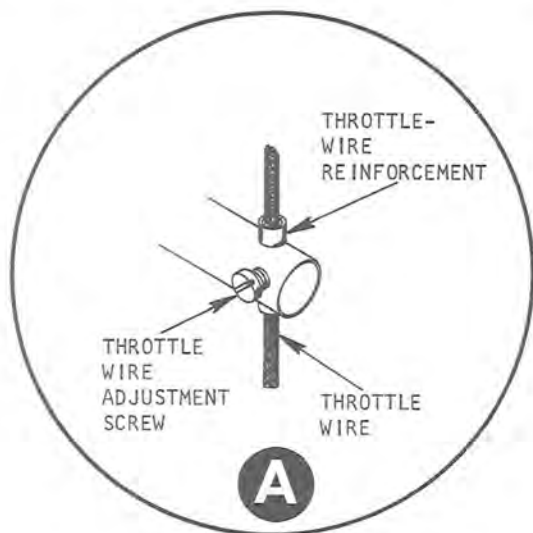
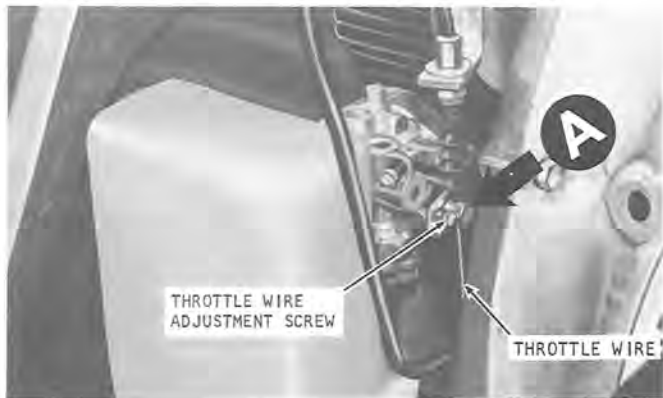


Figure 19A

SPARK PLUG INTERCHANGEABILITY

The following tabulation is provided to indicate spark-plug interchangeability:

BOSCH	M175T1	M225T1	M240T1
CHAMPION	UK-10	K-9	UK-7
AC	M84	M83	
AUTOLITE	BZ3		
LODGE	HTN18		
NGK	AB-6	A-7	

WARNING

Gasoline and oil should be mixed at temperatures above freezing. Below freezing, gas and oil mix with difficulty. Mix with care or damage to engine could result.

Use only a good grade of SAE 30 or 40 Wt. nondetergent automotive engine or 2-cycle motor oil. Do not use light duty oils or multiviscosity oils.

Use a good grade of regular, fresh gasoline only. Do not use gasoline left over from summer uses.

Mix the gasoline and oil thoroughly in a clean container kept for this purpose only. Best way to insure a good mix is to add oil to an empty or about half-full container of gasoline and then fill with gasoline and mix thoroughly. Pour the mixed fuel from the container into the gasoline tank. Use a funnel with a fine screen strainer when filling tank. Fill tank slowly to avoid air pockets and spillage.

OIL AND ADDITIVES

Fuels containing additives are not recommended for use in the Ski-Daddler engines. Use only oil that is recommended for use in air-cooled, 2-cycle engines such as an AMF oil or an equivalent non-detergent motor oil (see FUEL MIXTURE chart).

CAUTION

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 the Ski-Daddler.

Note

A small amount of Dri-Gas or equivalent may be added to the fuel system if moisture from condensation is evident.

REPAIRMAN'S REFERENCE WIRING DIAGRAM

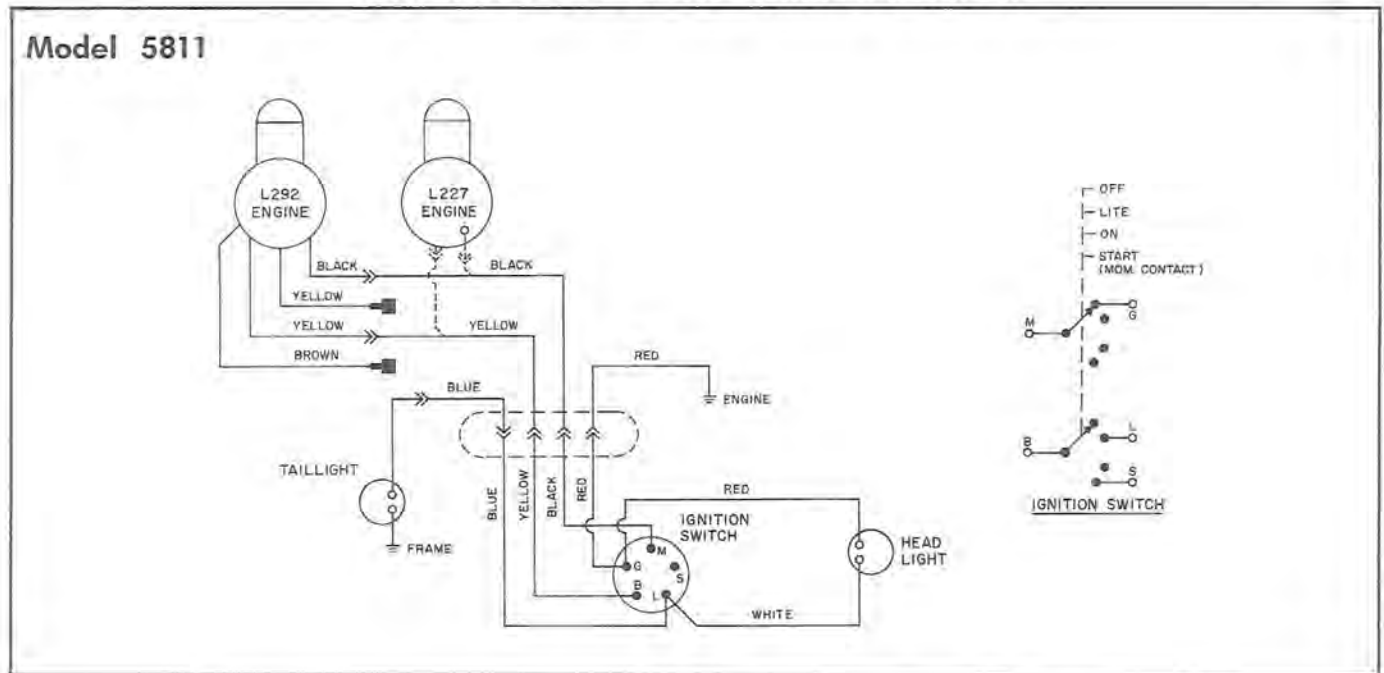


Figure 20

REPAIRMAN'S REFERENCE WIRING DIAGRAM

Models 5814 and 5815

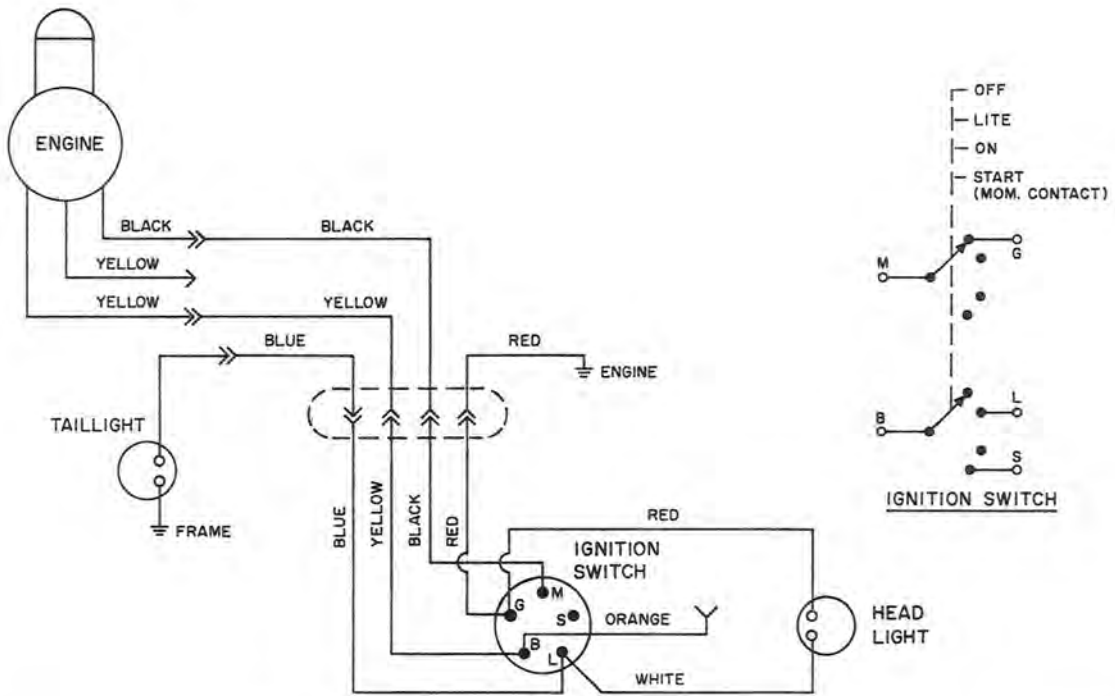


Figure 21

REPAIRMAN'S REFERENCE WIRING DIAGRAM

Models 5814 and 5815
(WITH ELECTRIC STARTER)

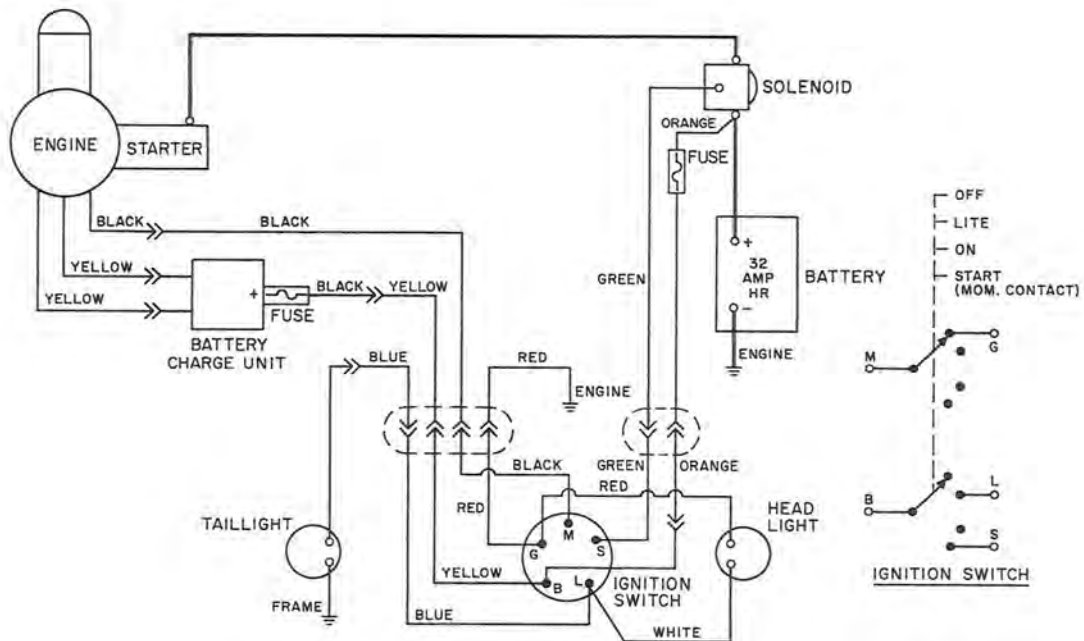


Figure 22

REPAIRMAN'S REFERENCE WIRING DIAGRAM

Model 5818

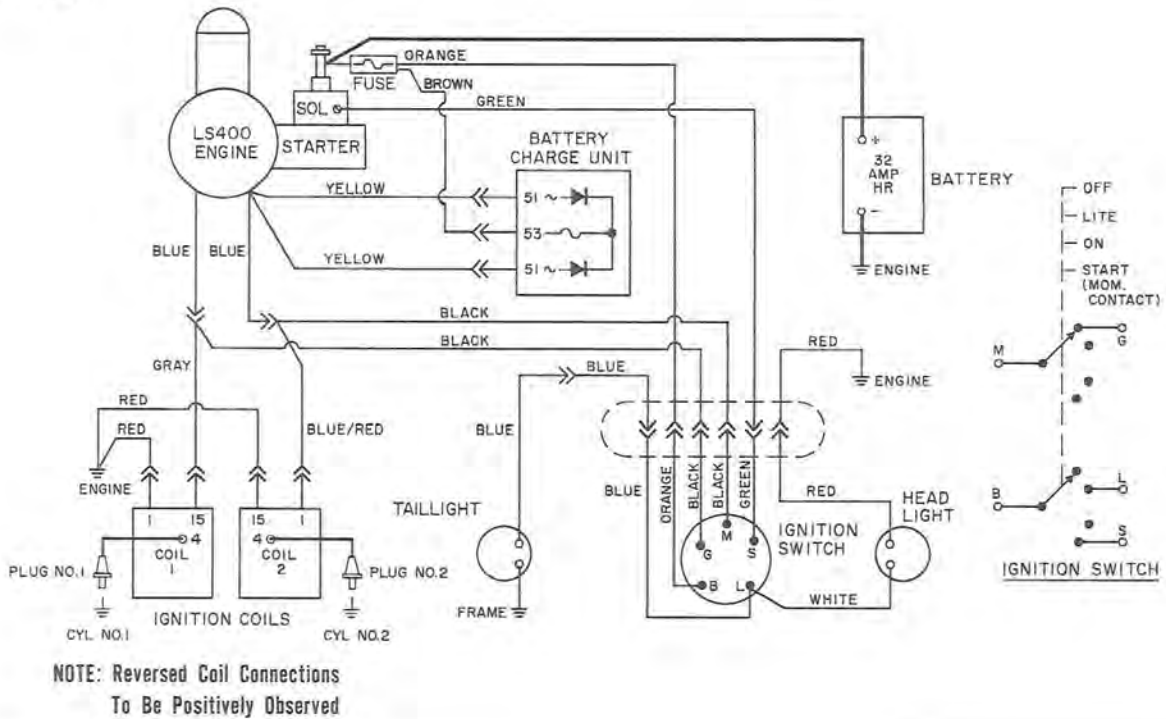


Figure 23

REPAIRMAN'S REFERENCE WIRING DIAGRAM

Model 5813

NOTE:
ALL WIRES ARE TO BE NO. 18 GA.
STRANDED WITH THERMO-PLASTIC
COVERING.

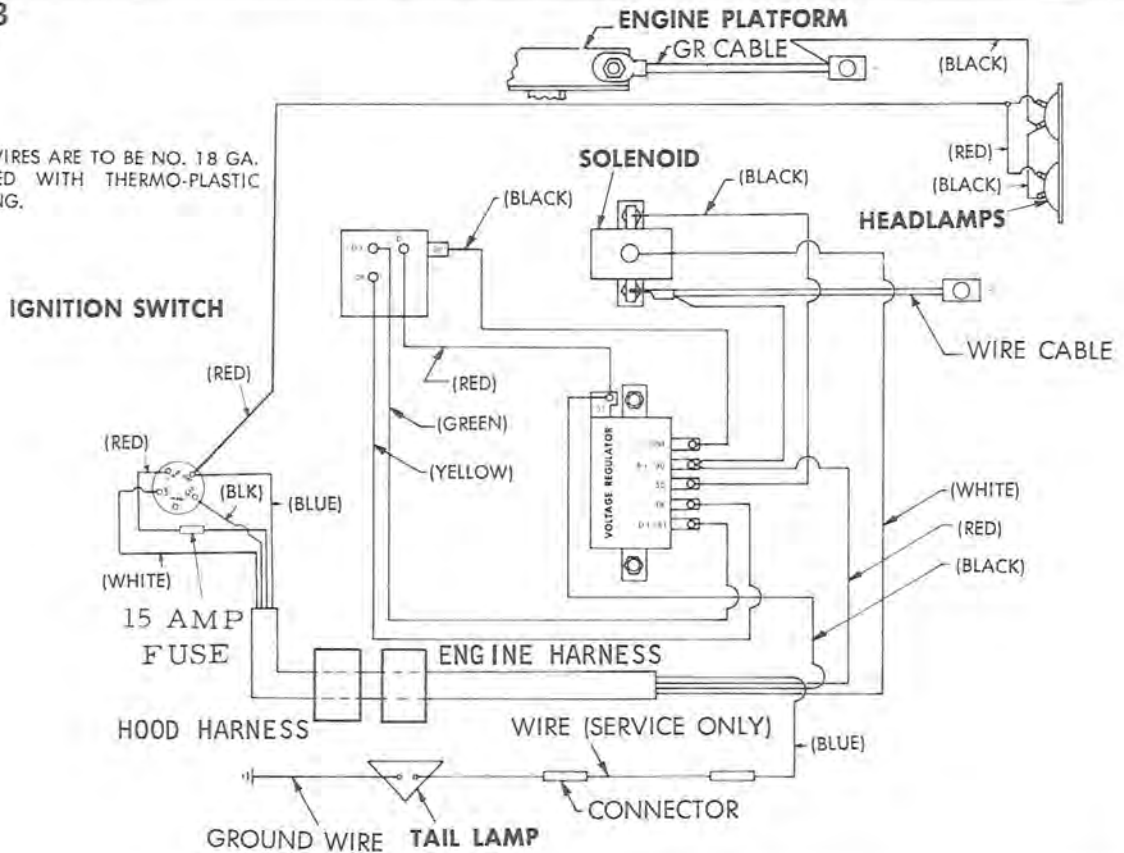


Figure 24

PARTS LIST SECTION

PARTS-LIST SECTION

This portion of the dealer's manual consists of two sections, an illustrated parts list and a numerical index.

PARTS LIST

The parts-list portion consists essentially of exploded-view illustrations, keyed to the figure-reference column by index numbers. The 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 refers to the part as indicated on the exploded view.

Part Number. The second column calls out the AMF part number applicable to the figure-and-index number and its corresponding index number on the exploded view.

Description. The description column identifies the part with descriptive nomenclature. In all cases, standard hardware is further described with data covering thread size, length, ID, OD and thickness where necessary.

Quantity. This column provides the total number of item units required for the particular application indicated by the item number.

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

- | | |
|-----------------|-----------------|
| ● A - 5811-3000 | ● F - 5815-1100 |
| ● B - 5811-4000 | ● G - 5815-2000 |
| ● C - 5814-1000 | ● H - 5818-0100 |
| ● D - 5814-1100 | ● I - 5813-3100 |
| ● E - 5814-2000 | |

Where no code letter appears in the model-column, the part applies to all models.

All model codes will be listed at the bottom of each parts listing 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. It should be noted, for example, that a four-digit number starting with the number 8 would be listed after a five-digit number starting with a 3 or a six-digit number starting with a 1.

Index-Number Column. The index-number column reflects the figure-and-index number of the part within the parts list.

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 same figure-and-index number with different quantities. In referring to the parts-list section, the proper quantity per sled may be determined.

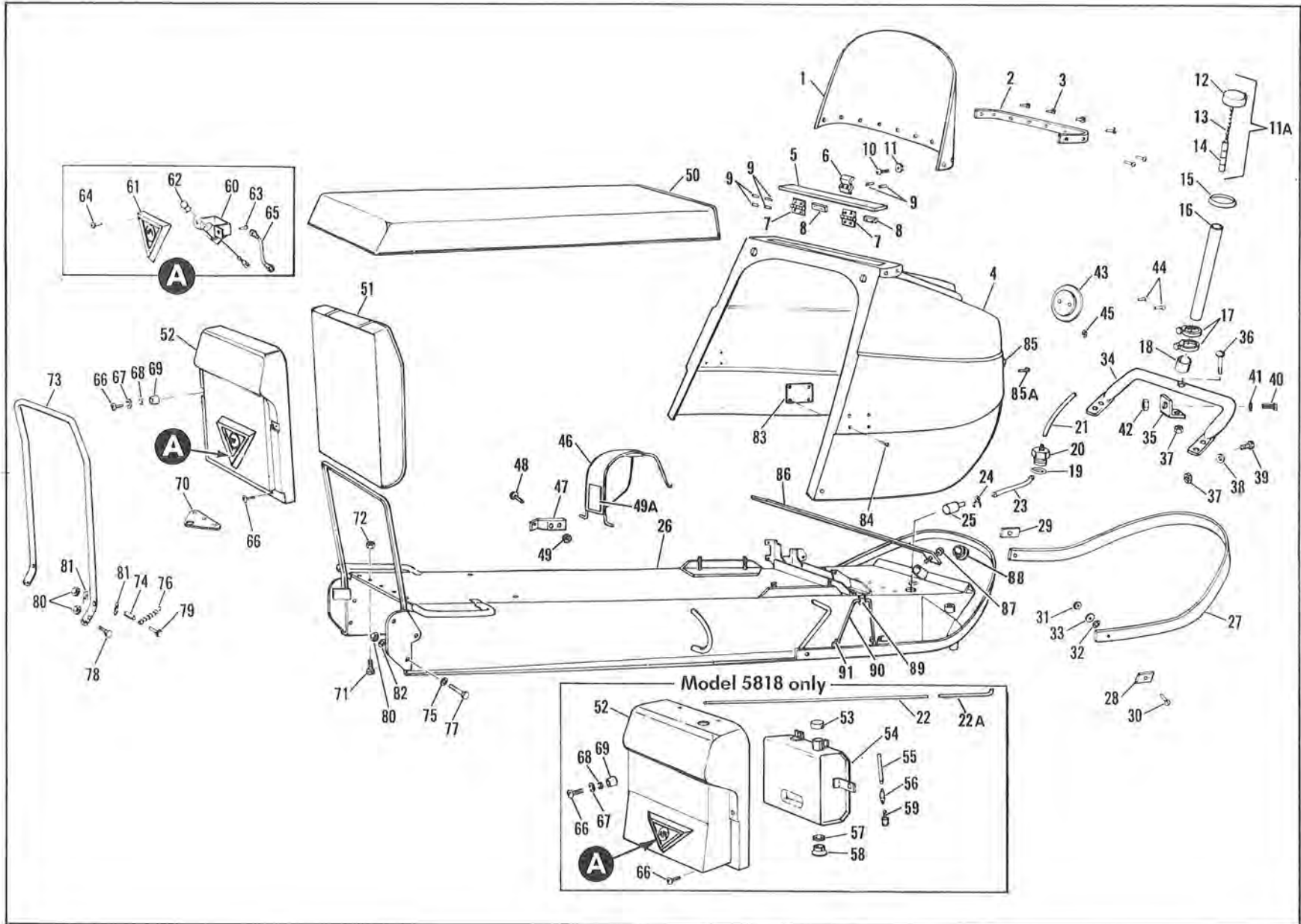


Figure 1. Body Parts

Figure & Index Number	Part Number	Description	Qty	Model Code
1-1	30214	WINDSHIELD	1	AB
	33757	WINDSHIELD	1	CDEFG
	33358	WINDSHIELD	1	H
-2	30250	TRIM STRIP, Windshield	1	ABCDEFGH
	34128	TRIM STRIP, Windshield, RH	1	H
	34129	TRIM STRIP, Windshield, LH	1	H
	31152	RIVNUT, 1/4-20	8	ABCDEFGH
-3	125680	SCREW, 1/4-20 by 5/8	8	ABCDEFG
	125680	SCREW, 1/4-20 by 5/8	9	H
-4	33386	FRONT SHROUD	1	ABCDEFG
	33333	FRONT SHROUD	1	H
-5	33403	GLOVE BOX LID	1	ABCDEFG
	33402	GLOVE BOX LID	1	H
-6	32253	LATCH CLIP, Glove box lid	1	ABCDEFGH
-7	30272	HINGE, Glove box lid	2	ABCDEFGH
-8	30285	PLATE, Glove box lid	3	ABCDEFGH
-9	34270	POP RIVET, 1/8-IN. DIA by 3/8	10	ABCDEFGH
-10	132911	SCREW, RD HD, 10-32 by 5/8	1	ABCDEFGH
-11	33579-2	LOCKNUT, 10-32	1	ABCDEFGH
-11A	33649	GAS CAP AND INDICATOR ASSY	1	ADF
	34570	GAS CAP AND INDICATOR ASSY	1	BCEG
-12	30268	GAS CAP	1	ABCDEFG
-13	33648	CHAIN, Gas gauge	1	ADF
	34569	CHAIN, Gas gauge	1	BCEG
-14	34261	INDICATOR, Fuel level	1	ADF
	34573	INDICATOR, Fuel level	1	BCEG
-15	33033	GROMMET, Hood	1	ABCDEFGH
-16	33644	FUEL INLET TUBE ASSY	1	ADF
	34554	FUEL INLET TUBE ASSY	1	BCEG
-17	24180	HOSE CLAMP, Fuel inlet tube	2	ABCDEFG
-18	33646	CONNECTOR, Fuel inlet tube	1	ABCDEFG
-19	34154	GASKET	1	BCDEFG
	30279	O-RING, 1-1/4-IN. OD	1	A
	30264	FITTING, Fuel outlet	1	A
-20	34152	GAS OUTLET, Gas tank	1	BCDEFG
-21	30229	GAS LINE, Tank to carburetor	1	ABCDEFG
-22	34229	GAS LINE, Tank to tube	1	H
-22A	34228	GAS LINE, Tube to carburetor	1	H
-23	30270	GAS LINE, Gas tank	1	ABCDEFG
-24	30489	CLAMP	1	ABCDEFG
-25	34105	FILTER, Fuel tank	1	ABCDEFG
-26	34037	MAIN FRAME ASSEMBLY	1	A
	34564	MAIN FRAME ASSEMBLY	1	BG
	34563	MAIN FRAME ASSEMBLY	1	CE
	34038	MAIN FRAME ASSEMBLY	1	D
	34006	MAIN FRAME ASSEMBLY	1	F
	33430	MAIN FRAME ASSEMBLY	1	H
	33763	BUMPER, Rubber	1	ABCDEFG
-27	33788	BUMPER, Rubber	1	H

A - 5811-3000
B - 5811-4000
C - 5814-1000

D - 5814-1100
E - 5814-2000
F - 5815-1100

G - 5815-2000
H - 5818-0100
I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
1-28	32986	TRIM, End cap, RH	1	ABCDEFGH
-29	32987	TRIM, End cap, LH	1	ABCDEFGH
-30	33852	SCREW, Phillips HD, 1/4-28 by 2	2	ABCDEFGH
-31	33579-3	LOCKNUT, 1/4-28	2	ABCDEFGH
-32	33853	SPACER, End cap	2	ABCDEFGH
-33	33038	SPACER	2	ABCDEFGH
-34	33786	BUMPER	1	CDEFG
	33787	BUMPER	1	H
-35	32537	SUPPORT	1	CDEFGH
-36	27522	BOLT, Curved HD, 5/16-18 by 1-9/16	1	CDEFGH
-37	9413447	NUT, Hex, 5/16-18	3	CDEFGH
-38	446363	WASHER, 5/16	2	CDEFGH
-39	126358	BOLT, Hex HD, 5/16-18 by 1	2	CDEFGH
-40	123316	SCREW, Hex HD, 1/4-28 by 1/2	1	CDEFG
	123316	SCREW, Hex HD, 1/4-28 by 1/2	2	H
-41	446188	WASHER	1	CDEFGH
-42	33579-3	LOCKNUT, 1/4-28	1	CDEFG
	34036	LOCKNUT, 1/4-28	2	H
-43	30218	HEAD LAMP ASSEMBLY	1	ABDFH
	31401	HEAD LAMP ASSEMBLY	1	CE
	34522	HEAD LAMP ASSEMBLY	1	G
-44	134243	SCREW, Oval HD, 8-32 by 1-1/4	2	ABCDEFGH
-45	33579-1	LOCKNUT, 8-32	2	ABCDEFGH
-46	32331	CLUTCH GUARD ASSEMBLY	1	ABCDEFGH
-47	32511	SPRING PLATE, Clutch guard	1	ABCDEFGH
-48	132908	SCREW, RD HD, 10-32 by 1/2	2	ABCDEFGH
-49	33579-2	LOCKNUT, 10-32	2	ABCDEFGH
-49A	33447	DECAL, Starting instructions	1	ABCEG
	33889	DECAL, Starting instructions	1	DFH
-50	33575	SEAT, Bottom	1	AB
	33394	SEAT, Bottom	1	CDEFG
	33604	SEAT, Bottom	1	H
-51	33576	SEAT, Back	1	AB
	33393	SEAT, Back	1	CDEFGH
	33578	REAR COVER AND TAILLIGHT ASSY	1	ABCDEFGH
	34115	REAR COVER AND TAILLIGHT ASSY	1	H
-52	33396	REAR COVER	1	ABCDEFG
	34100	REAR COVER	1	H
-53	34117	FUEL GAUGE ASSEMBLY	1	H
-54	34168	GAS TANK	1	H
-55	34177	GAS LINE, Gas tank	1	H
-56	34176	CHECK VALVE	1	H
-57	34154	GASKET, Gas tank outlet	1	H
-58	34152	OUTLET, Gas tank	1	H
-59	34105	FILTER, Fuel tank	1	H
-60	33580	BRACKET AND SOCKET ASSEMBLY	1	ABCDEFGH
-61	33583	LENS, Tail lamp	1	ABCDEFGH
-62	33584	BULB, Tail lamp	1	ABCDEFGH

A - 5811-3000	D - 5814-1100	G - 5815-2000
B - 5811-4000	E - 5814-2000	H - 5818-0100
C - 5814-1000	F - 5815-1100	I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
1-63	34024	RIVET, 5/32 by 1/4	2	ABCDEFGH
-64	134190	SCREW, Oval HD, 6-32 by 1-1/4	3	ABCDEFGH
-65	33699	GROUND WIRE	1	ABCDEFGH
-66	133063	SCREW, RD HD, 1/4-20 by 2	4	ABCDEFG
	133046	SCREW, RD HD, 1/4-20 by 7/8	2	H
-67	9414920	WASHER, Plain, 1/2 IN. OD	4	BCEFG
-68	33647	SPACER, Kickstand bumper	2	ABCDEFGH
-69	33616	BUMPER, Kickstand	2	ABCDEFGH
-70	32252	PLATE, Trailer hitch	1	CDEFGH
-71	33726-3	SCREW, Truss HD, 1/4-28 by 1-1/2	3	CDEFG
	123316	SCREW, Truss HD, 1/4-28 by 1/2	3	H
-72	33579-3	LOCKNUT, 1/4-28	3	CDEFGH
-73	33774	KICKSTAND ASSEMBLY	1	CDEFG
	33775	KICKSTAND ASSEMBLY	1	H
-74	33777	SPACER, Long	2	CDEFG
-75	33778	SPACER, Short	2	CDEFGH
-76	32234	SPRING	2	CDEFGH
-77	181573	SCREW, Hex HD, 1/4-28 by 1-1/4	2	CDEFGH
-78	181577	SCREW, Hex HD, 1/4-28 by 1-3/4	2	CDEFGH
-79	181578	SCREW, Hex HD, 1/4-28 by 1-7/8	2	CDEFGH
-80	33579-3	LOCKNUT, 1/4-28	6	CDEFGH
-81	33808	WASHER, Formed	4	CDEFGH
-82	446188	WASHER	4	CDEFGH
-83	34159	HOOD HOLDDOWN	2	ABCDEFGH
-84	34271	RIVET	8	ABCDEFGH
-85	34237	LATCH ASSEMBLY	1	ADFH
	34555	LATCH ASSEMBLY	1	BCEG
-85A	34271	RIVET	4	ABCDEFGH
-86	33867	SUPPORT BRACE	1	A
-87	181566	SCREW, Hex HD, 1/4-28 by 3/4	1	A
-88	34000	RUBBER STOP	1	ABCDEFGH
-89	34163	CLIP, Center holddown	2	ABCDEFGH
-90	34155	STRAP, Holddown	2	ABCDEFGH
-91	34186	HOOK, Holddown strap	4	ABCDEFGH

A - 5811-3000
 B - 5811-4000
 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

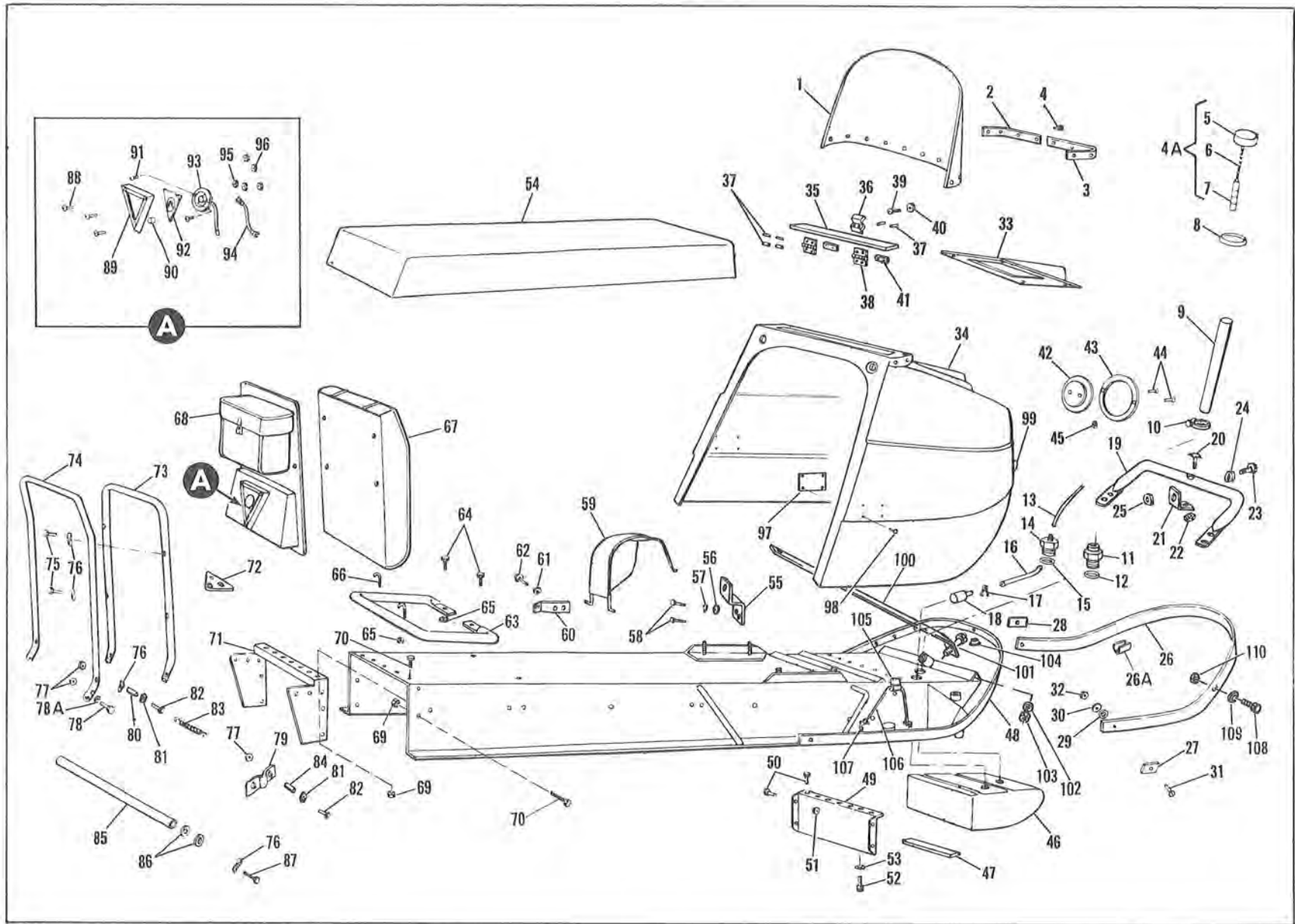


Figure 2. Body Parts (Model 5813)

Figure & Index Number	Part Number	Description	Qty	Model Code
2-1	30418	WINDSHIELD	1	I
-2	30631	TRIM STRIP, Windshield, LH	1	I
-3	30630	TRIM STRIP, Windshield, RH	1	I
-4	125680	SCREW, Truss HD, 1/4-20 by 5/8	9	I
-4A	30623	GAS CAP ASSEMBLY	1	I
-5	30268	GAS CAP	1	I
-6	30624	CHAIN	1	I
-7	30269	INDICATOR, Fuel level	1	I
-8	34294	GROMMET, Hood	1	I
-9	30400	TUBE ASSEMBLY, Fuel inlet	1	I
-10	24180	CLAMP, Hose	1	I
-11	30263	INLET FITTING, Gas tank	1	I
-12	30278	O-RING, 1-1/2 OD	1	I
-13	30229	GAS LINE, Long	1	I
-14	30264	OUTLET FITTING, Gas tank	1	I
-15	30279	O-RING, 1-1/4 OD	1	I
-16	30270	TUBE, Fuel pickup	1	I
-17	30488	CLAMP, Hose	1	I
-18	32512	FILTER, Fuel	1	I
-19	32509	BUMPER	1	I
-20	27522	BOLT, Curved HD, 5/16-18	1	I
-21	32537	PLATE, Support	1	I
-22	9413447	LOCKNUT, 5/16-18	1	I
-23	121893	SCREW, 1/4-20 by 7/8	1	I
-24	446188	WASHER	1	I
-25	997314	LOCKNUT, 1/4-20	1	I
-26	33899	BUMPER, Rubber	1	I
-26A	32714	CLIP, Spring	7	I
-27	32986	TRIM, End cap, RH	1	I
-28	32987	TRIM, End cap, LH	1	I
-29	33853	SPACER, End cap	2	I
-30	33038	SPACER	3	I
-31	33852	SCREW, Phillips HD, 1/4-28 by 2	2	I
-32	33579-3	LOCKNUT, 1/4-28	3	I
-33	33942	ACCESS LID, Hood	1	I
-34	33857	HOOD	1	I
-35	33404	LID, Glove box	1	I
-36	32253	CLIP, Glove box latch	1	I
-37	34270	RIVET, 1/8 DIA by 5/16	10	I
-38	30272	HINGE, Glove box door	2	I
-39	132911	SCREW, 10-32 by 5/8	1	I
-40	996907	NUT, 10-32	1	I
-41	30285	PLATE	3	I
-42	30218	HEADLAMP ASSEMBLY	2	I
-43	30283	SPONGE PAD, Headlamp	2	I
-44	134244	SCREW, 8-32 by 1-1/4	4	I
-45	457514	NUT, 8-32	4	I
-46	31450	FUEL TANK	1	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
2-47	31763	STRIP, Rubber	2	I
-48	33924	MAIN FRAME ASSEMBLY	1	I
-49	30412	RETAINER PLATE ASSEMBLY, Fuel tank	1	I
-50	120706	SCREW, Hex HD, 1/4-20 by 1/2	11	I
-51	997314	LOCKNUT, 1/4-20	11	I
-52	125680	SCREW, Truss HD, 1/4-20 by 5/8	7	I
-53	121753	WASHER, Shakeproof, 1/4	11	I
-54	34145	SEAT, Bottom	1	I
-55	32452	BRACKET, Brake mounting	1	I
-56	456145	WASHER, 5/16	2	I
-57	120638	LOCKWASHER, 5/16	2	I
-58	122007	SCREW, Hex HD, 5/16-18 by 3/4	2	I
-59	32331	CLUTCH GUARD	1	I
-60	32536	SPRING PLATE	1	I
-61	457509	LOCKNUT, 10-24	2	I
-62	120221	SCREW, RD HD, 10-24 by 1/2	2	I
-63	30395	HAND RAIL	1	I
-64	125680	SCREW, 1/4-20 by 5/8	2	I
-65	997314	LOCKNUT, 1/4-20	4	I
-66	30171	J-BOLT	2	I
-67	30398	SEAT, Back	1	I
-68	32449	COVER AND POUCH, Seat back	1	I
-69	997314	LOCKNUT, 1/4-20	9	I
-70	120854	SCREW, Hex HD, 1/4-20 by 1-1/2	9	I
-71	32467	ANGLE ASSEMBLY, Seat back	1	I
-72	32252	HITCH PLATE	1	I
-73	32468	TUBE, Seat back	1	I
-74	32491	TUBE, Kickstand	1	I
-75	121926	SCREW, Hex HD, 1/4-20 by 1-1/2	4	I
-76	8728	WASHER, Formed	10	I
-77	997314	LOCKNUT, 1/4-20	4	I
-78	121913	SCREW, Hex HD, 1/4-20 by 1-1/4	2	I
-78A	456145	WASHER, 5/16	2	I
-79	32231	U-BRACKET	2	I
-80	32230	SPACER, Short	2	I
-81	446188	WASHER, 1/4	4	I
-82	180042	SCREW, Hex HD, 1/4-20 by 1-3/4	4	I
-83	32234	SPRING	2	I
-84	32229	SPACER, Long	2	I
-85	30402	SHAFT	REF	I
-86	120394	WASHER, 5/16	4	I
-87	181618	SCREW, Hex HD, 5/16-24 by 1-3/4	2	I
-88	134190	SCREW, Oval HD	3	I
-89	29080	DOOR, Taillight	1	I
-90	29266	SPACER, Rubber	3	I
-91	132764	SCREW, RD HD, 8-32 by 5/8	2	I
-92	29081	LENS, Taillight	1	I
-93	30363	BODY, Taillight	1	I
-94	30362	GROUNDWIRE	1	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
2-95	120622	NUT, 8-32	2	I
-96	271482	LOCKNUT, 6-32	3	I
-97	34159	HOOD HOLDDOWN WELDMENT	2	I
-98	34271	RIVET, 1/8-IN. DIA	3	I
-99	34237	LATCH ASSEMBLY, Hood	1	I
-100	34268	BRACE ASSEMBLY, Support	1	I
-101	120854	SCREW, 1/4-20 by 5/8	1	I
-102	446188	WASHER, 1/4	1	I
-103	997314	LOCKNUT, 1/4-20	1	I
-104	34000	STOP, Rubber	1	I
-105	34163	CLIP, Center holddown	2	I
-106	34155	STRAP, Holddown	2	I
-107	34186	HOOK, Strap holddown	4	I
-108	436736	SCREW, Pan HD, 10-24 by 1	4	I
-109	2251	WASHER	4	I
-110	457509	NUT, 10-24	4	I

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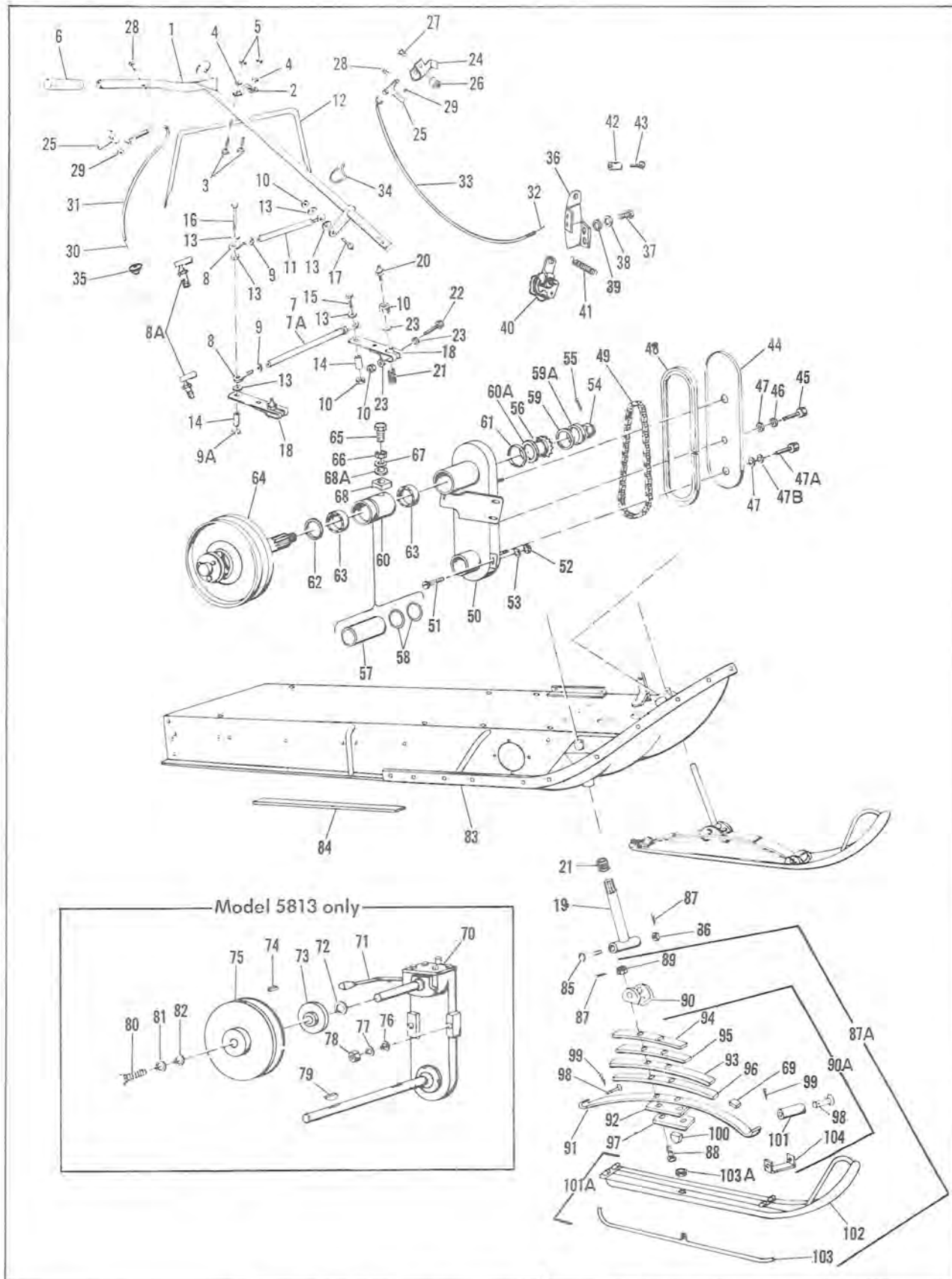


Figure 3. Steering, Skis, Frame and Top Drive Elements

Figure & Index Number	Part Number	Description	Qty	Model Code
3-	34079	STEERING COLUMN ASSEMBLY	1	A
	34571	STEERING COLUMN ASSEMBLY	1	B
	34572	STEERING COLUMN ASSEMBLY	1	CEG
	34081	STEERING COLUMN ASSEMBLY	1	DF
	34083	STEERING COLUMN ASSEMBLY	1	H
	34297	STEERING COLUMN ASSEMBLY	1	I
-1	33627	STEERING HANDLE AND COLUMN ASSY	1	A
	34556	STEERING HANDLE AND COLUMN ASSY	1	B
	34543	STEERING HANDLE AND COLUMN ASSY	1	CEG
	33667	STEERING HANDLE AND COLUMN ASSY	1	DF
	33933	STEERING HANDLE AND COLUMN ASSY	1	H
	33994	STEERING HANDLE AND COLUMN ASSY	1	I
-2	24054	BRACKET	1	
-3	181566	SCREW, Hex HD, 1/4-28 by 3/4	2	
-4	446188	WASHER, 1/4	2	
-5	33579-3	LOCKNUT, 1/4-28	2	
-6	28416	HANDGRIP	2	
	34181	STEERING LINKAGE ASSEMBLY	1	AB
	34182	STEERING LINKAGE ASSEMBLY	1	CDEFG
	34183	STEERING LINKAGE ASSEMBLY	1	H
	33629	TIE ROD ASSEMBLY	1	AB
	33650	TIE ROD ASSEMBLY	1	CDEFG
	33686	TIE ROD ASSEMBLY	1	H
	30084	TIE ROD ASSEMBLY	1	I
-7	33630	TIE ROD	1	AB
	33651	TIE ROD	1	CDEFG
	33687	TIE ROD	1	H
	30403	TIE ROD	1	I
-7A	34320	TUBE, Tie rod	1	AB
-8	30081	ROD END	4	CDEFGHI
-8A	33631	ROD END	4	AB
-9	124925	NUT, Hex, 3/8-24	4	
-9A	33579-5	LOCKNUT, 3/8-24	2	
-10	33657	NUT, Hex, long	2	AB
	33579-5	LOCKNUT, 3/8-24	2	CDEFGH
	9415106	LOCKNUT, 3/8-24	3	I
	33632	DRAG LINK ASSEMBLY	1	AB
	33652	DRAG LINK ASSEMBLY	1	CDEFG
	33688	DRAG LINK ASSEMBLY	1	H
	30562	DRAG LINK ASSEMBLY	1	I
		33633	DRAG LINK	1
-11	33653	DRAG LINK	1	CDEFG
	33689	DRAG LINK	1	H
	30561	DRAG LINK	1	I
		34579	STEERING COLUMN SUPPORT	1
	33949	STEERING COLUMN SUPPORT	1	CDEFG
	33927	STEERING COLUMN SUPPORT	1	H
	33939	STEERING COLUMN SUPPORT	1	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
3-13	21777	SPACER	5	CDEFGHI
-14	30251	SPACER	2	CDEFGHI
-15	995364	SCREW, Hex HD, 3/8-24 by 2-3/4	1	CDEFGH
	181650	SCREW, Hex HD, 3/8-24 by 2-1/2	1	I
-16	189329	SCREW, Hex HD, 3/8-24 by 3-1/4	1	CDEFGH
	181652	SCREW, Hex HD, 3/8-24 by 3	1	I
-17	181643	SCREW, Hex HD, 3/8-24 by 1-1/2	1	
-18	33320	SPINDLE ARM	2	AI
	33634	SPINDLE ARM	2	BCDEFGH
-19	33635	SPINDLE ASSEMBLY	2	
-20	33698	GREASE FITTING	2	
-21	30149	SPRING, Spindle	2	
-22	181620	SCREW, Hex HD, 5/16-24 by 2	2	ABCDEFGH
	181646	SCREW, Hex HD, 3/8-24 by 1-3/4	2	I
-23	456145	WASHER, Plain, 5/16	4	ABCDEFGH
	274517	WASHER, Plain, 3/8	4	I
	32185	THUMB CONTROL ASSEMBLY	2	
-24	32186	CLAMP, Thumb control	2	
-25	32187	LEVER, Thumb	2	
-26	32188	SPACER, Thumb lever	4	
-27	9417420	SCREW, Truss HD, 6-32 by 3/8	4	
-28	142443	SCREW, RD HD, 10-32 by 1/8	2	
-29	33579-2	LOCKNUT, 10-32	2	
-30	34053	THROTTLE CABLE	1	ABCDEFGH
	32490	THROTTLE CONTROL CABLE	1	I
-31	34052	HOUSING, Throttle control	1	ABCDEFGH
	32292	HOUSING, Throttle control	1	I
-32	34055	BRAKE CABLE	1	ABCDEF
	34511	BRAKE CABLE	1	H
	32488	BRAKE CONTROL CABLE	1	I
-33	34054	HOUSING, Brake control	1	ABCDEF
	34512	HOUSING, Brake control	1	H
	32487	HOUSING, Brake control	1	I
-34	32286	CLIP	1	
-35	33861	BOOT, Throttle cable	1	
-36	33708	MOUNTING BRACKET ASSY, Brake	1	ABCDE
	33710	MOUNTING BRACKET ASSY, Brake	1	FGH
	32452	MOUNTING BRACKET ASSY, Brake	1	I
-37	181595	SCREW, Hex HD, 5/16-24 by 3/4	2	ABCDEFGH
	122007	SCREW, Hex HD, 5/16-18 by 3/4	2	I
-38	456145	WASHER, 5/16	2	
-39	120638	LOCKWASHER, 5/16	2	I
-40	33827	BRAKE, Disc caliper	1	ACDEF
	34731	BRAKE, Disc caliper	1	B
	28783	BRAKE, Disc caliper	1	I
-41	34044	SPRING, Brake	1	
-42	25188	BUTTON, Swivel	1	I
-43	995339	SCREW, SOC HD, 8-32 by 3/8	2	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
3-44	33410	CHAIN HOUSING COVER ASSY	1	ABCDEFGH
-45	34058	LOCKNUT, 1/4-20	2	ABCDEFGH
-46	446188	WASHER, Plain, 1/4	2	ABCDEFGH
-47	33444	GASKET, Screw	3	ABCDEFGH
-47A	123350	SCREW, Hex HD, 5/16-24 by 1/2	1	ABCDEFGH
-47B	446363	WASHER, Plain, 5/16	1	ABCDEFGH
-48	33434	GASKET, Chaincase	1	ABCDEFGH
-49	30159	ROLLER CHAIN	1	AB
	33954	ROLLER CHAIN	1	CDE
	33662	ROLLER CHAIN	1	FGH
-50	33411	CHAIN HOUSING WELDMENT	1	ABCDEFGH
-51	33725-1	BOLT, Carriage, 5/16-24 by 5/8	2	ABCDEFGH
-52	33579-4	LOCKNUT, 5/16-24	2	ABCDEFGH
-53	456145	WASHER, Plain, 5/16	2	ABCDEFGH
-54	125250	NUT, Slotted hex, 1/2-20	1	ABCDEFGH
-55	121224	COTTER PIN, 3/32 by 1	1	ABCDEFGH
-56	30018	SPROCKET	1	AB
	33819	SPROCKET	1	CD
	33820	SPROCKET	1	E
	33821	SPROCKET	1	FH
	33822	SPROCKET	1	G
-57	34214	SLEEVE, Cam	1	ABCDEFGH
-58	34211	SHIM, Cam	2	ABCDEFGH
	34212	SHIM, Cam	2	ABCDEFGH
	34213	SHIM, Cam	1	ABCDEFGH
-59	32327	WAVE WASHER	1	ABCDEFGH
-59A	9417098	WASHER, 1/2	1	ABCDEFGH
-60	33892	CAM	1	ABCDEFGH
-60A	34232	SPACER WASHER	1	CDEFGH
-61	30184	O-RING	1	ABCDEFGH
-62	33893	OIL SEAL	1	ABCDEFGH
-63	8290	BEARING, Roller	2	ABCDEFGH
-64	33895	DRIVEN CLUTCH ASSEMBLY (See figure 10) ..	1	ACDE
	34019	DRIVEN CLUTCH ASSEMBLY (See figure 11) ..	1	B
	33684	DRIVEN CLUTCH ASSEMBLY (See figure 10) ..	1	FGH
-65	180126	SCREW, Hex HD, 3/8-16 by 1-1/2	1	ABCDEFGH
-66	124829	JAM NUT, 3/8-16	1	ABCDEFGH
-67	120832	LOCKWASHER, Split, 3/8	1	ABCDEFGH
-68	33976	WASHER, Formed	1	ABCDEFGH
-68A	274517	WASHER, Flat, 3/4 OD	1	DH
-69	30247	PAD, Bumper	2	I
	33733	STOP, Rubber	1	ABCDEFGH
-70	32480	GEAR CASE, Apex	1	I
-71	34180	LEVER ASSEMBLY, Gearshift	1	I
-72	30576	WASHER	1	I
-73	28784	HUB, Disc brake	1	I
-74	30575	KEY, Square	1	I
-75	30392	DRIVEN CLUTCH (See figure 12)	1	I
-76	120396	WASHER, Plain, 3/8	2	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
3-77	120382	LOCKWASHER, 3/8	2	I
-78	120377	NUT, Hex HD, 3/8-16	2	I
-79	30535	KEY, HI-PRO, NO. 706	REF	I
-80	180079	SCREW, 5/16-18 by 1	1	I
-81	120638	LOCKWASHER, 5/16	1	I
-82	8103	WASHER, Flat, 5/16	1	I
-83	34037	MAIN FRAME ASSEMBLY	REF	AG
	34564	MAIN FRAME ASSEMBLY	REF	B
	34563	MAIN FRAME ASSEMBLY	REF	CE
	34038	MAIN FRAME ASSEMBLY	REF	D
	34006	MAIN FRAME ASSEMBLY	REF	F
	33430	MAIN FRAME ASSEMBLY	REF	H
	32466	MAIN FRAME ASSEMBLY	1	I
-84	30228	FOOT PAD	2	CDEFGHI
-85	187044	SCREW, Hex HD, 3/8-24 by 3-1/2	2	ABCDEFGH
	995364	SCREW, Hex HD, 3/8-24 by 2-3/4	2	I
-86	33579-5	LOCKNUT, 3/8-24	2	ABCDEFGH
	32703	NUT, Slotted hex, 3/8-24	2	I
-87	121222	COTTER PIN	4	I
-87A	33749	SKI AND SPRING ASSEMBLY	2	AB
	33747	SKI AND SPRING ASSEMBLY	2	CDEFGH
	32177	SKI AND SPRING ASSEMBLY	2	I
-88	181639	SCREW, Hex HD, 3/8-24 by 1-1/4	4	ABCDEFGH
	995371	SCREW, Hex HD, 3/8-24 by 3-1/2	4	I
-89	33579-5	LOCKNUT, 3/8-24	4	ABCDEFGH
	995224	NUT, Slotted hex, 3/8-24	4	I
-90	33750	BRACKET, Spring mounting	2	AB
	33732	BRACKET, Spring mounting	2	CDEFGH
	28769	BRACKET, Spring mounting	2	I
-90A	33752	SKI SPRING ASSEMBLY	2	AB
	33728	SKI SPRING ASSEMBLY	2	CDEFGH
	32547	SKI SPRING ASSEMBLY	2	I
-91	33751	LEAF SPRING	2	AB
	33729	LEAF SPRING, Main	2	CDEFGH
	28770	LEAF SPRING, Main	2	I
-92	33734	LINER	2	AB
-93	33730	LEAF SPRING, Middle	2	CDEFGH
	29645	LEAF SPRING, Middle	2	I
-94	33731	LEAF SPRING, Top	2	CDEFGH
-95	32539	LEAF SPRING	2	I
-96	32540	LEAF SPRING	2	I
-97	33735	PLATE, Pressure	2	AB
	33296	PLATE, Spring	2	CDEFGH
	28764	PLATE, Spring	2	I
-98	33748	PIVOT PIN, Spring	2	ABCDEFGH
	32174	PIVOT PIN, Spring, front	2	I
	28762	PIVOT PIN, Spring, rear	2	
-99	144518	COTTER PIN	2	
-100	33297	BUMPER, Rubber	2	ABCDEFGH

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Figure & Index Number	Part Number	Description	Qty	Model Code
3-101	8441	ROLLER, Spring	2	I
-101A	33745	SKI AND WEAR ROD ASSEMBLY	2	ABCDEFGH
-102	33739	SKI ASSEMBLY	2	ABCDEFGH
	32178	SKI ASSEMBLY	2	I
-103	32541	WEAR ROD, Ski	2	ABCDEFGH
	32552	WEAR ROD, Ski	2	I
-103A	33579-3	LOCKNUT, 1/4-28	2	ABCDEFGH
	997314	LOCKNUT, 1/4-20	2	I
-104	33746	WEAR PLATE, Ski	2	ABCDEFGH

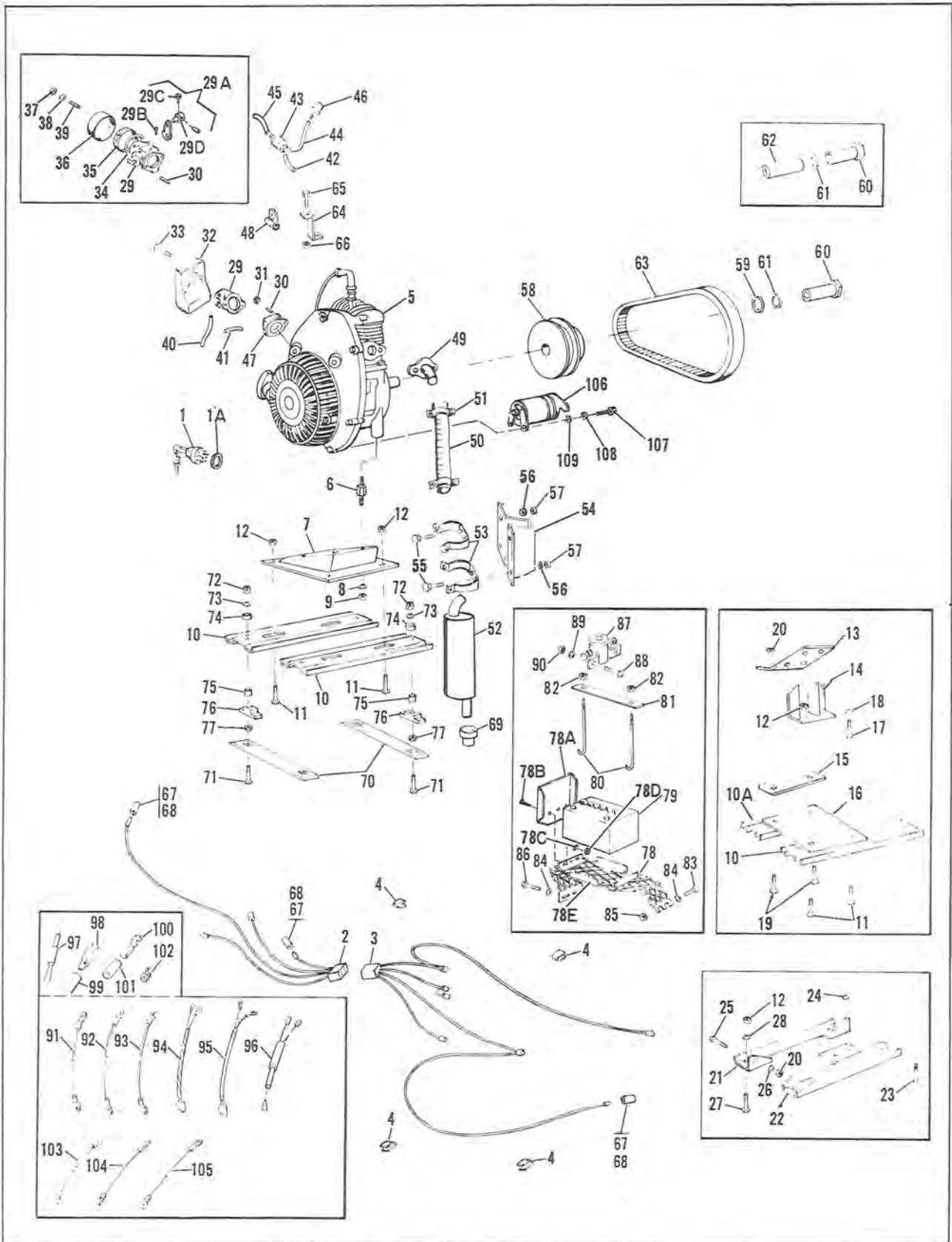


Figure 4. Engine, Electrical and Fuel Elements

Figure & Index Number	Part Number	Description	Qty	Model Code
4-1	33875	KEYSWITCH	1	ABCDEFGH
-1A	138561	LOCKWASHER, 3/4, internal	1	ABCDEFGH
-2	33701	WIRING HARNESS, Hood	1	ABCDEFG
	34107	WIRING HARNESS, Hood	1	H
-3	33702	WIRING HARNESS, Engine	1	ABCDEF
	34207	WIRING HARNESS, Engine	1	G
	34108	WIRING HARNESS, Engine	1	H
-4	33610	CLIP, Wiring harness	4	ABCDEFGH
-5	34091	ENGINE, JLO 292	1	A
	34092	ENGINE, JLO 227	1	B
	33973	ENGINE, 297 PE	1	C
	33972	ENGINE, 297 E	1	D
	33974	ENGINE, 300 PE	1	E
	34047	ENGINE, 372 E	1	F
	34048	ENGINE, 380 PE	1	G
	33864	ENGINE, 400 E	1	H
-6	30170	STUD, Engine base	4	A
	34602	STUD, Engine base	4	B
	33807	STUD, Engine base (used with 7/16-14 THD) ..	4	CDE
	30170	STUD, Engine base (used with 10-MM, 1.5 THD)	4	C
-7	33791	ENGINE MOUNT	1	A
	34062	ENGINE MOUNT	1	B
	33792	ENGINE BASE	1	CD
-8	274517	WASHER, Flat, 3/8	4	ABCDE
	274517	WASHER, Flat, 3/8	2	F
-9	9416107	LOCKNUT, 3/8-16	4	ACE
	33579-5	LOCKNUT, 3/8-16	4	BD
-10	33765	MOUNTING STRAP WELDMENT	2	ABCE
	33765	MOUNTING STRAP WELDMENT	1	FG
-10A	34319	MOUNTING STRAP WELDMENT	1	FG
-11	33725-3	BOLT, Carriage, 5/16-24 by 1	4	ABCDE
	33725-3	BOLT, Carriage, 5/16-24 by 1	2	FG
-12	33579-4	LOCKNUT, 5/16-24	4	ABCDEFGH
-13	33783	TOP PLATE	1	FG
-14	33780	CHANNEL ASSEMBLY	1	FG
-15	33781	SPACER BAR	1	FG
-16	33782	ENGINE BASE PLATE	1	FG
-17	180175	BOLT, Hex HD, 1/2-13 by 1-1/4	4	F
	120426	BOLT, Hex HD, 1/2-13 by 1-1/4	4	G
-18	120384	LOCKWASHER, Split, 1/2	4	FG
-19	33725-5	BOLT, Carriage, 5/16-24 by 1-1/2	2	FG
-20	33579-4	LOCKNUT, 5/16-24	2	H
-21	33929	ENGINE MOUNT, LH	1	H
-22	33928	ENGINE MOUNT, RH	1	H
-23	33864-18	SCREW, Hex HD, 8 MM by 9 MM	2	H
-24	120368	LOCKWASHER, 5/16	2	H
-25	181610	SCREW, Hex HD, 5/16-24 by 1-1/4	2	H
-26	456145	WASHER, Flat	2	H

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Figure & Index Number	Part Number	Description	Qty	Model Code
4-27	33725-2	BOLT, Carriage, 5/16-24 by 3/4	4	H
-28	456145	WASHER, Flat	4	H
-29	33894	CARBURETOR	1	A
	34588	CARBURETOR	1	B
	33829	CARBURETOR	1	CDEFG
	34077	CARBURETOR	1	H
-29A	34125	CARBURETOR ADAPTOR ASSEMBLY	1	H
-29B	119117	COTTER PIN, 3/32 by 1/2	1	H
-29C	436750	SCREW, Pan HD, 10-32 by 1/2	1	H
-29D	34126	LOCKNUT, Elastic stop, 10-32	1	H
-30	33953	STUD, Carburetor	2	CDEFG
-31	33579-5	LOCKNUT, 3/8-24	2	CDEFG
-32	33860	COVER, Air-intake	1	AB
	33859	COVER, Air-intake	1	CDEFG
-33	420998	SCREW, RD HD, 1/4-20 by 1-1/2	3	ABCDEFG
-34	34087	MOUNT PLATE, Air cleaner	1	H
-35	34088	SCREW, Air cleaner	1	H
-36	34089	COVER, Air cleaner	1	H
-37	995246	NUT, Acorn, 1/4-20	3	H
-38	120380	LOCKWASHER, 1/4	3	H
-39	30375	STUD, Air cleaner	3	H
-40	30270	GAS LINE, Carburetor to engine	1	CDEFG
	34090	GAS LINE, Carburetor to engine	1	H
-41	34072	TUBING, Rubber	1	G
-42	34069	TUBING, Rubber	1	G
-43	34074	PRIMER VALVE	1	G
-44	34070	TUBING, Rubber	1	G
-45	34071	TUBING, Rubber	1	G
-46	34076	BULB, Primer	1	G
-47	33951	MANIFOLD, Carburetor	1	CDEFG
-48	2791	CLIP, Gas line	1	ABCDEFG
-49	33964	EXHAUST PIPE, Engine	1	A
	34725	EXHAUST PIPE ASSEMBLY, Engine	1	B
	33891	EXHAUST PIPE, Engine	1	CDE
	32591	EXHAUST PIPE, Engine	1	FG
	34525	EXHAUST PIPE, Engine	1	H
-50	33989	EXHAUST TUBE, Flexible	1	A
	34728	EXHAUST TUBE, Flexible	1	B
	34035	EXHAUST TUBE, Flexible	1	CDFG
	34586	EXHAUST TUBE, Flexible	1	E
	34097	EXHAUST TUBE, Flexible	1	H
-51	32588	CLAMP, Flexible tube	2	ABCDEFHG
-52	32380	MUFFLER	1	ACDE
	34729	MUFFLER WELDMENT	1	B
	34033	MUFFLER WELDMENT	1	FG
	34094	MUFFLER WELDMENT	1	H
-53	32585	BAND ASSEMBLY	2	ACDE
	34032	BAND ASSEMBLY	1	BFG

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Figure & Index Number	Part Number	Description	Qty	Model Code
4-53	34490	BAND ASSEMBLY	1	H
-54	33624	MUFFLER MOUNTING BRACKET WELDMENT	1	ACDEH
	34028	MUFFLER MOUNTING BRACKET	1	BFG
-55	181595	SCREW, Hex HD, 5/16-24 by 3/4	2	ACDEH
	181635	SCREW, Hex HD, 3/8-24 by 3/4	2	BFG
-56	274517	WASHER, Plain, 3/8	2	BFG
-57	33579-5	LOCKNUT, 3/8-24	2	BFG
-58	33843	DRIVE CLUTCH (See figure 7)	1	ACDE
	34018	DRIVE CLUTCH (See figure 8)	1	B
	33846	DRIVE CLUTCH (See figure 9)	1	FG
	33842	DRIVE CLUTCH (See figure 9)	1	H
-59	125793	LOCKWASHER, Shakeproof	2	ABCDE
	138549	LOCKWASHER, Shakeproof	1	FGH
-60	33946	BOLT, Clutch adaptor	1	ACDE
	34010	BOLT, Clutch adaptor	1	B
	34009	BOLT, Clutch adaptor	1	FG
	181696	SCREW, Hex HD, 1/2-20 by 1	1	FGH
-61	34039	SPACER	1	FGH
-62	33945	EXTENSION, Clutch adaptor	1	H
-63	32566	VARIABLE SPEED BELT	1	ACDE
	34023	VARIABLE SPEED BELT	1	B
	32608	VARIABLE SPEED BELT	1	FGH
-64	30310	BRACKET, Throttle wire	1	A
	34466	BRACKET, Throttle wire	1	BG
	32615	BRACKET, Throttle wire	1	CE
	34513	BRACKET, Throttle wire	1	D
	34516	BRACKET, Throttle wire	1	F
	34123	BRACKET, Throttle wire	1	H
-65	181573	SCREW, Hex HD, 1/4-28 by 1-1/4	1	A
	181575	SCREW, Hex HD, 1/4-28 by 1-1/2	1	FG
-66	33579-3	LOCKNUT, 1/4-28	1	AFG
-67	33855	TERMINAL	2	AF
	33855	TERMINAL	3	BCDEG
-68	33856	COVER	2	AF
	33856	COVER	3	BCDEG
-69	32589	CAP, Outlet	1	ACDE
-70	33764	MOUNTING PLATE, Engine	2	ABCDEFGH
-71	33725-4	BOLT, Carriage, 3/8-24 by 2-1/4	4	ABCDEFGH
-72	33579-5	LOCKNUT, 3/8-24	4	ABCDEFGH
-73	9422157	WASHER, 13/32 ID by 1-1/4 OD	4	ABCDEFGH
-74	33769	SPACER, Rubber	4	ABCDEFGH
-75	32528	BUSHING	4	ABCDEFGH
-76	33768	SHOCK MOUNT	4	ABCDEFGH
-77	32532	NUT, Tinnerman	4	ABCDEFGH
-78	34521	BATTERY SUPPORT ASSEMBLY	1	DF
-78A	34272	HEAT SHIELD	1	DF
-78B	436750	SCREW, Pan HD, 10-32 by 1/2	2	DF
-78C	9417373	WASHER, Plain	2	DF

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Figure & Index Number	Part Number	Description	Qty	Model Code
4-78D	33579-2	LOCKNUT, 10-32	2	DF
-78E	34515	BATTERY SUPPORT WELDMENT	1	DFH
-79	33979	BATTERY	1	DFH
-80	33984	HOLDDOWN ROD	2	DFH
-81	33982	HOLDDOWN STRAP, Battery	1	DFH
-82	34036	LOCKNUT, 1/4-28	2	DFH
-83	123316	SCREW, Hex HD, 1/4-28 by 1/2	2	DFH
-84	446188	WASHER, Plain	4	DFH
-85	33579-3	LOCKNUT, 1/4-28	2	DFH
-86	123435	SCREW, Hex HD, 1/4-28 by 5/8	2	DFH
-87	34029	SOLENOID	1	DF
-88	436750	SCREW, Pan HD, 10-32 by 1/2	2	DF
-89	9417373	WASHER, Plain	2	DF
-90	33579-2	LOCKNUT, 10-32	2	DF
-91	34013	CABLE ASSEMBLY	1	DF
-92	34014	CABLE ASSEMBLY, Battery to solenoid	1	DF
-93	34015	CABLE ASSEMBLY	1	DF
-94	34020	WIRING HARNESS, Hood	1	DF
-95	34022	WIRING HARNESS, Engine	1	DF
-96	34021	BATTERY CHARGE ASSEMBLY	1	DF
-97	33123	BATTERY CHARGING UNIT	1	DF
	34231	BATTERY CHARGING UNIT	1	H
-98	33855	TERMINAL, Male	1	DF
-99	33856	COVER, Male, terminal	1	DF
-100	34050	TERMINAL, Female	2	DF
-101	34051	COVER, Terminal	2	DF
-102	34045	TIEWRAP	2	DFG
-103	34016	CABLE, Battery to starter	1	G
-104	34017	CABLE, Battery to ground	1	G
-105	34106	WIRE ASSEMBLY	1	G
-106	34110	STARTER MOTOR	1	DF
-107	34112	BOLT	2	DF
-108	34113	WASHER, Plain	2	DF
-109	34114	WASHER	2	DF

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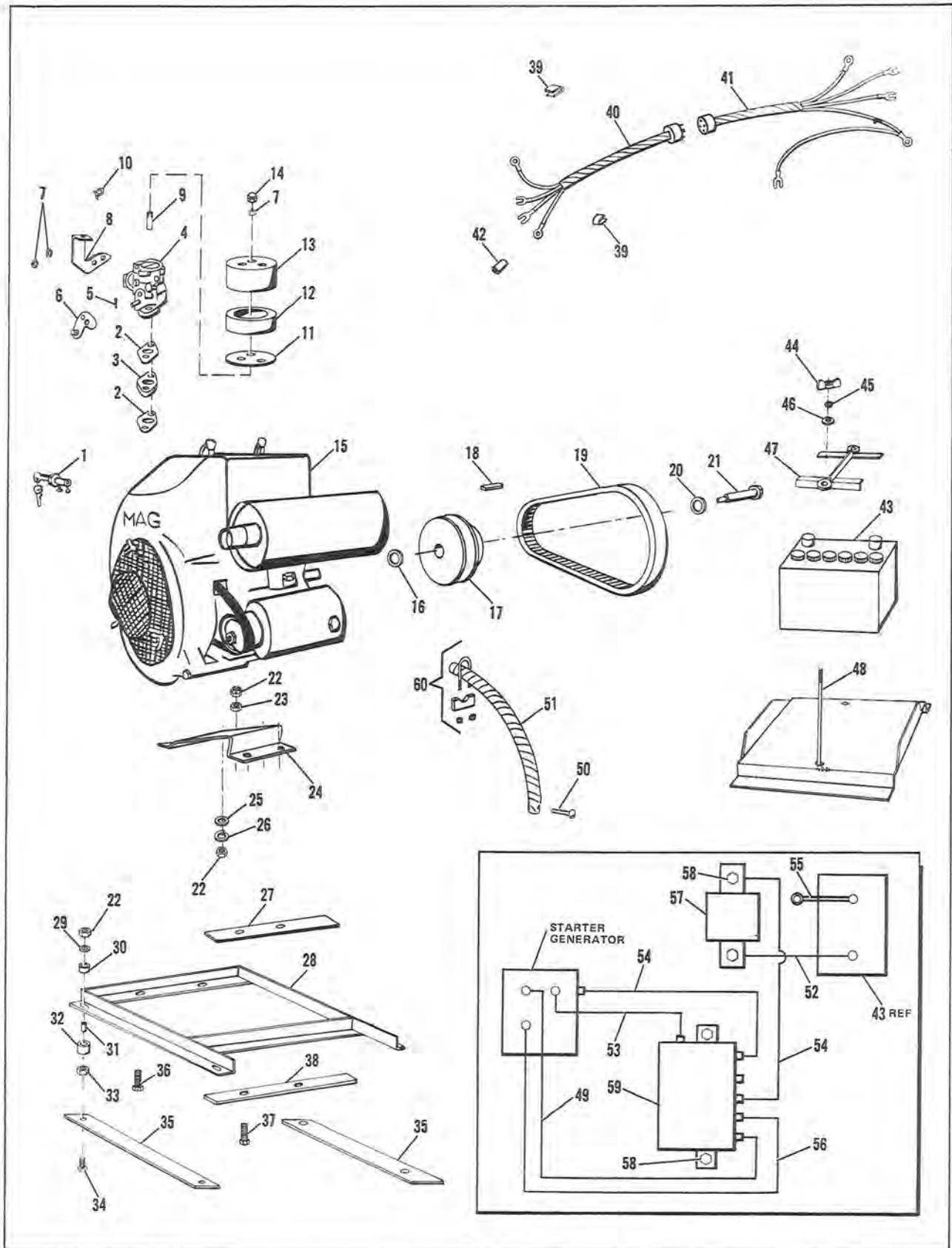


Figure 5. Engine, Electrical and Fuel Elements (Model 5813)

Figure & Index Number	Part Number	Description	Qty	Model Code
5-1	32352	KEY SWITCH	1	I
-2	30676	GASKET, Carburetor	2	I
-3	30629	BLOCK, Insulator	1	I
-4	30628	CARBURETOR	1	I
-5	119117	COTTER PIN, 3/32 by 1/2	1	I
-6	30642	ADAPTER ARM ASSEMBLY, Carburetor ..	1	I
-7	120380	LOCKWASHER, 1/4	5	I
-8	32499	ANCHOR BRACKET, Throttle cable	1	I
-9	30375	STUD	3	I
-10	30489	HOSE CLAMP, Carburetor	1	I
-11	30180	MOUNTING PLATE, Air cleaner	1	I
-12	30176	SCREEN, Air cleaner	1	I
-13	30178	COVER, Air cleaner	1	I
-14	995246	NUT, Acorn, 1/4-20	3	I
-15	15119	ENGINE	1	I
-16	30610	SPACER, Clutch	1	I
-17	33968	DRIVE CLUTCH (See figure 9)	1	I
-18	30574	KEY, 1/4-IN. SQ	1	I
-19	30393	DRIVE BELT, Variable speed	1	I
-20	130148	LOCKWASHER, 1-IN. ID	1	I
-21	30573	SCREW, Special	1	I
-22	9415106	LOCKNUT, 3/8-24	10	I
-23	124925	JAM NUT, 3/8-24	6	I
-24	30568	MOUNTING PLATE, Engine	1	I
-25	446363	WASHER, Flat, 3/8	4	I
-26	120382	LOCKWASHER, Split, 3/8	4	I
-27	32443	MOUNTING STRAP, Engine, top	1	I
-28	32446	BASE ASSEMBLY, Engine	1	I
-29	32710	WASHER	4	I
-30	32699	MOUNTING PAD, Rubber	4	I
-31	32528	BUSHING	4	I
-32	30566	MOUNTING PAD, Rubber	4	I
-33	32532	NUT	4	I
-34	998045	BOLT, Carriage	4	I
-35	32457	PLATE	2	I
-36	181639	SCREW, Hex HD, 3/8-24 by 1-1/4	4	I
-37	181643	SCREW, Hex HD, 3/8-24 by 1-1/2	4	I
-38	32442	MOUNTING STRAP, Engine, bottom	1	I
-39	30389	CLIP, Wiring	3	I
-40	34187	WIRING HARNESS, Hood	1	I
-41	34188	WIRING HARNESS, Engine	1	I
-42	29677	CONNECTOR	2	I
-43	32484-1	BATTERY	1	I
-44	12677	WING NUT, 1/4-20	2	I
-45	120380	LOCKWASHER, 1/4	2	I
-46	120386	WASHER, 1/4	2	I
-47	32483	HOLDDOWN ASSEMBLY, Battery	1	I
-48	32481	HOLDDOWN ROD, Battery	2	I
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	B - 5811-4000	E - 5814-2000	H - 5818-0100	
	C - 5814-1000	F - 5815-1100	I - 5813-3100	

Figure & Index Number	Part Number	Description	Qty	Model Code
5-49	30615	CABLE ASSEMBLY, Regulator-to-generator ..	1	I
-50	999101	SCREW, Self-tapping, 10-32 by 3/8	1	I
-51	30557	EXHAUST PIPE	1	I
-52	30612	CABLE ASSEMBLY, Battery-to-solenoid ..	1	I
-53	30617	CABLE ASSEMBLY, Regulator-to-generator ..	1	I
-54	30616	CABLE ASSEMBLY, Solenoid-to-regulator ..	2	I
-55	34149	CABLE ASSEMBLY, Battery-to-ground	1	I
-56	30614	CABLE ASSEMBLY, Regulator-to-generator ..	1	I
-57	3324	SOLENOID	1	I
-58	999701	SCREW, Hex HD, 1/4-20 by 5/8	4	I
-59	31470	VOLTAGE REGULATOR	1	I
-60	32534	CLAMP ASSEMBLY	1	I

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|---------------|---------------|---------------|
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| C - 5814-1000 | F - 5815-1100 | I - 5813-3100 |

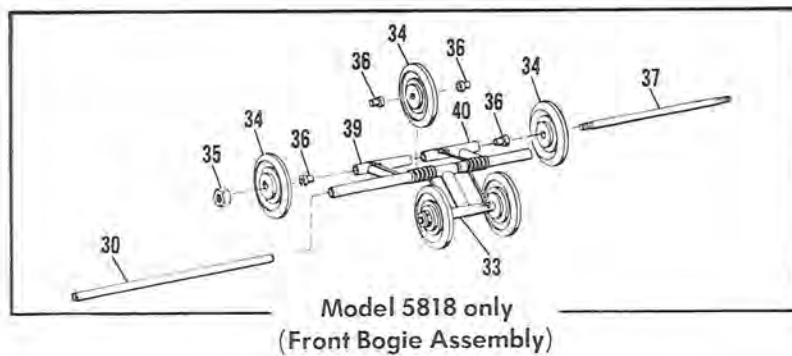
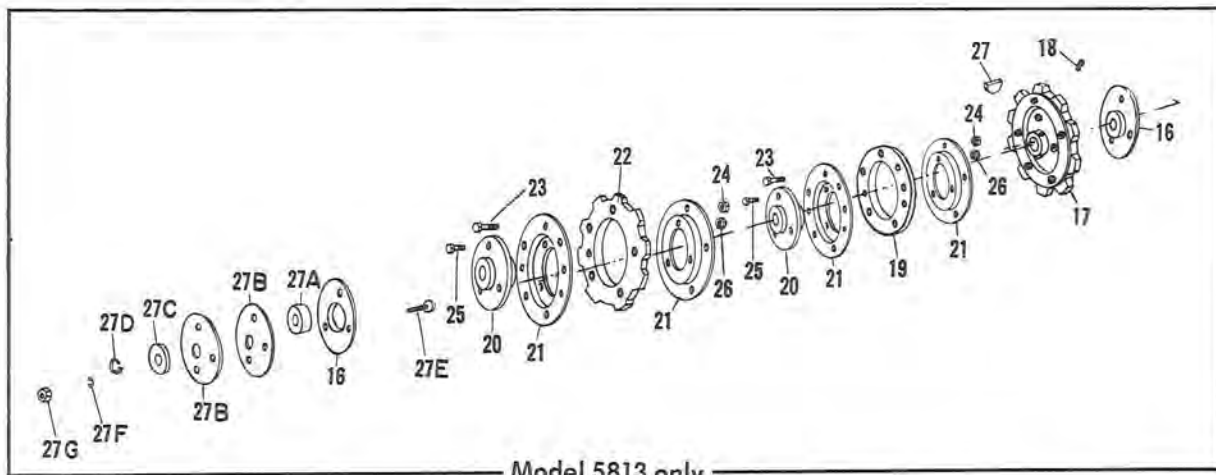
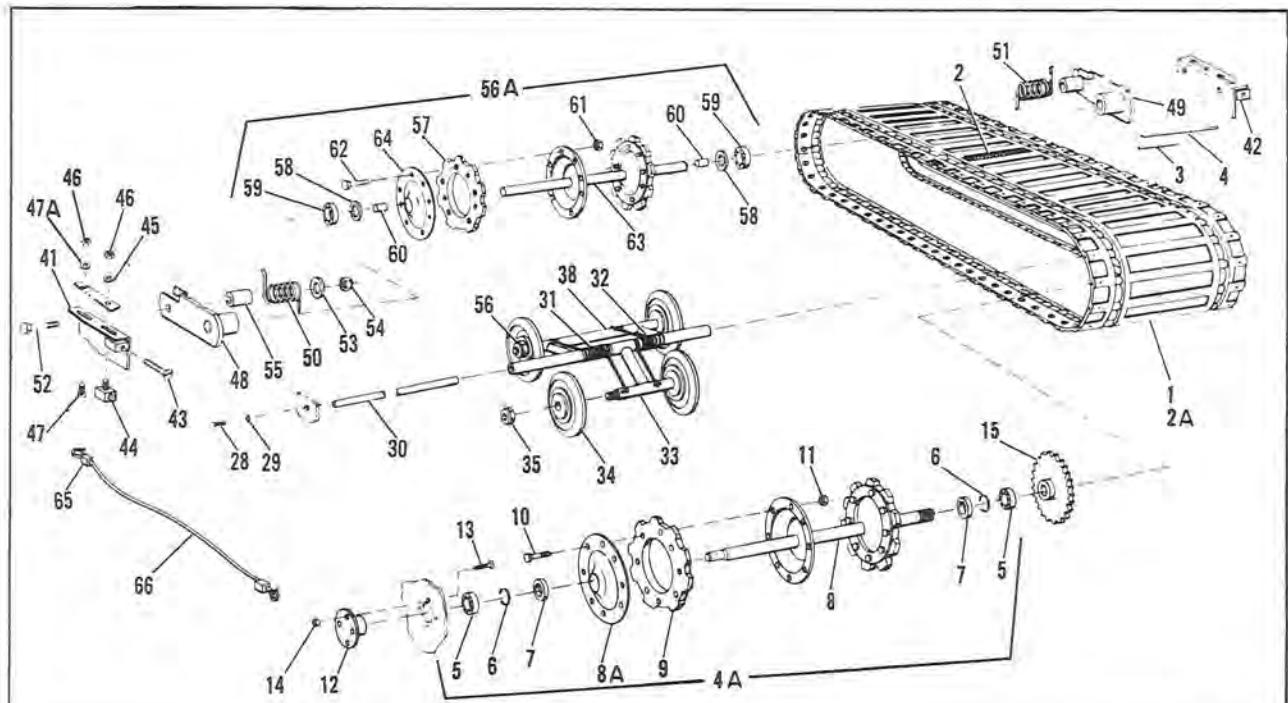


Figure 6. Drive Belt and Lower Drive Elements

Figure & Index Number	Part Number	Description	Qty	Model Code
6-1	33793	TRACTION BELT ASSEMBLY	1	ABCDE
		(Includes 2 and 2A)		
	30100	TRACTION BELT ASSEMBLY	1	I
	33737	TRACTION BELT	1	FG
	33738	TRACTION BELT	1	H
-2	33798	FASTENER, Traction belt	14	ABCDE
-2A	33794	TRACTION BELT	1	ABCDE
-3	34104	PIN, Belt lacer, long	1	ABCDE
	30621	PIN, Belt lacer, long	1	I
-4	30620	PIN, Belt lacer, short	2	ABCDEI
-4A	33412	DRIVE SPROCKET ASSEMBLY	1	ABCDE
	33832	DRIVE SPROCKET ASSEMBLY	1	FG
	33600	DRIVE SPROCKET ASSEMBLY	1	H
-5	33417	BEARING, Ball	2	ABCDEFGH
-6	30145	RETAINER SPRING, Oil seal	2	ABCDEFGH
-7	30078	OIL SEAL	2	ABCDEFGH
-8	33413	DRIVE SHAFT AND SPROCKET PLATE ASSY .	1	ABCDEFGF
	33601	DRIVE SHAFT AND SPROCKET PLATE ASSY .	1	H
-8A	33717	PLATE, Sprocket support	2	ABCDEFGH
-9	33716	SPROCKET, Rubber, 9-tooth	2	ABCDE
	33659	SPROCKET, Rubber, 9-tooth	2	FGH
-10	181566	SCREW, Hex HD, 1/4-28 by 3/4	18	ABCDEFGH
-11	33579-3	LOCKNUT, 1/4-28	18	ABCDEFGH
	33422	BEARING RETAINER AND PLATE ASSY	1	ABCDEFGH
-13	33725-1	BOLT, Carriage, 5/16-24 by 5/8	4	ABCDEFGH
-14	33579-4	LOCKNUT, 5/16-24	4	ABCDEFGH
-15	30017	SPROCKET, 26 tooth	1	AB
	32999	SPROCKET, 35 tooth	1	CFGH
	33663	SPROCKET, 34 tooth	1	DE
-16	30560	PLATE, Bearing backup	2	I
-17	30577	SPROCKET ASSEMBLY	2	I
-18	998503	SETSCREW, 5/16-18 by 5/16	3	I
-19	32453	IDLER WHEEL	1	I
-20	30524	HUB	3	I
-21	30523	PLATE	6	I
-22	22945	SPROCKET	2	I
-23	120222	SCREW, Machine, 10-24 by 5/8	27	I
-24	997316	LOCKNUT, 10-24	27	I
-25	121887	SCREW, Hex HD, 1/4-20 by 3/4	12	I
-26	9413314	LOCKNUT, 1/4-20	12	I
-27	30535	KEY	3	I
-27A	31074	COLLAR	1	I
-27B	31075	STAMPING	2	I
-27C	31073	BEARING	1	I
-27D	8288	SNAP RING	1	I
-27E	998010	BOLT, Carriage, 5/16-18 by 3/4	3	I
-27F	120638	LOCKWASHER, 5/16	3	I
-27G	9413347	LOCKNUT, 5/16-18	3	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
6-28	181595	SCREW, Hex HD, 5/16-24 by 3/4	6	ABCDEFGF
-29	138485	WASHER, Shakeproof	6	ABCDEFGF
	33415	BOGIE WHEEL AND SUPPORT ASSY	3	ABCDEFGF
	33905	BOGIE WHEEL ASSEMBLY, Middle and rear	2	H
	33906	BOGIE WHEEL ASSEMBLY, Front	1	H
	32475	BOGIE WHEEL ASSEMBLY, Front	1	I
	32473	BOGIE WHEEL ASSEMBLY, Middle and rear	2	I
-30	33416	SHAFT, Bogie wheel support	3	ABCDEFGF
	33754	SHAFT, Bogie wheel support	3	H
	30402	SHAFT, Bogie wheel support, middle and rear	2	I
	32474	SHAFT, Bogie wheel support, front	1	I
-31	33711	SPRING, Torsion, LH	3	ABCDEFGFH
	32225	SPRING, Torsion	6	I
-32	33712	SPRING, Torsion, RH	3	ABCDEFGFH
-33	33721	SUPPORT ASSEMBLY, Bogie	3	ABCDEFGF
	33910	SUPPORT ASSEMBLY, Bogie, middle and rear	2	H
	33916	SUPPORT ASSEMBLY, Bogie, front	1	H
	32472	SUPPORT ASSEMBLY, Bogie	6	I
-34	33713	BOGIE WHEEL	12	ABCDEFGF
	33713	BOGIE WHEEL	13	H
	29942	BOGIE WHEEL	12	I
-35	33736	LOCKNUT, 5/8-18	12	ABCDEFGFH
-36	33907	BUSHING, Front bogie	4	H
-37	33909	AXLE, Front bogie	1	H
-38	33419	SUPPORT ASSEMBLY, Bogie	3	ABCDEFGF
-39	33911	SUPPORT ASSEMBLY, LH, Bogie	1	H
-40	33908	SUPPORT ASSEMBLY, RH, Bogie	1	H
	34184	TRACTION BELT TAKEUP ASSEMBLY	1	ABCDEFGF
	34185	TRACTION BELT TAKEUP ASSEMBLY	1	H
-41	34140	ADJUSTING ANGLE ASSEMBLY, RH, Belt	1	ABCDEFGF
	33341	ADJUSTING ANGLE ASSEMBLY, RH, Belt	1	H
	32256	ADJUSTING ANGLE ASSEMBLY, RH, Belt	1	I
-42	34141	ADJUSTING ANGLE ASSEMBLY, LH, Belt	1	ABCDEFGF
	33342	ADJUSTING ANGLE ASSEMBLY, LH, Belt	1	H
	32257	ADJUSTING ANGLE ASSEMBLY, LH, Belt	1	I
-43	32266	ADJUSTING SCREW	2	
-44	32265	ADJUSTING BLOCK	2	
-45	466145	WASHER, Flat, 5/16	2	ABCDEFGFH
-46	33579-4	LOCKNUT, 5/16-24	4	ABCDEFGFH
	9414078	LOCKNUT, 5/16-24	4	I
-47	33725-2	BOLT, Carriage, 5/16-24 by 3/4	2	ABCDEFGFH
	181595	SCREW, Hex HD, 5/16-24 by 3/4	2	I
-47A	456145	WASHER, Flat, 5/16	2	
-48	33346	SUPPORT ARM ASSEMBLY, Rear, RH	1	ABCDEFGFH
	32262	SUPPORT ARM ASSEMBLY, Rear, RH	1	I
-49	33347	SUPPORT ARM ASSEMBLY, Rear, LH	1	ABCDEFGFH
	32263	SUPPORT ARM ASSEMBLY, Rear, LH	1	I
-50	33356	TORSION SPRING, Rear, RH	1	ABCDEFGFH

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Figure & Index Number	Part Number	Description	Qty	Model Code
6-50	32492	TORSION SPRING, Rear, RH	1	I
-51	33357	TORSION SPRING, Rear, LH	1	ABCDEFGH
	32493	TORSION SPRING, Rear, LH	1	I
-52	181651	SCREW, Hex HD, 3/8-24 by 2-3/4	2	ABCDEFGH
	181649	SCREW, Hex HD, 3/8-24 by 2-1/4	2	I
-53	32237	SPRING RETAINER, Torsion spring	2	
-54	33579-5	LOCKNUT, 3/8-24	2	ABCDEFGH
	9415106	LOCKNUT, 3/8-24	2	I
-55	33705	SPACER, Rear support arm	2	ABCDEFGH
	32264	SPACER, Rear support arm	2	I
-56	706	GREASE FITTING	6	
-56A	33352	REAR SPROCKET ASSEMBLY	1	ABCDEFG
	33597	REAR SPROCKET ASSEMBLY	1	H
	32477	SHAFT ASSEMBLY, Rear	1	I
-57	33716	SPROCKET, Rubber, 9-tooth	2	ABCDEFGH
	29945	SPROCKET	2	I
-58	30079	GREASE SEAL	2	
-59	33417	BEARING, Ball	2	ABCDEFGH
	30080	BEARING, Ball	2	I
-60	30611	CUPPED PLUG	2	ABCDEFGH
-61	33579-3	LOCKNUT, 1/4-28	18	ABCDEFGH
	997316	LOCKNUT, 10-24	27	I
-62	181566	SCREW, Hex HD, 1/4-28 by 3/4	18	ABCDEFGH
	120222	SCREW, Hex HD, 10-24 by 5/8	27	I
-63	33354	REAR SHAFT AND SPROCKET PLATE ASSY ..	1	ABCDEFG
	33598	REAR SHAFT AND SPROCKET PLATE ASSY ..	1	H
	32476	REAR SHAFT	1	I
-64	33717	PLATE, Sprocket support	2	ABCDEFGH
	30523	PLATE, Sprocket support	6	I
-65	32702	CLIP	2	I
-66	32701	ROPE, Nylon	1	I

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Figure & Index Number	Part Number	Description	Qty	Model Code
7-	33843	DRIVE CLUTCH	REF	ACDE
-1	37625	FIXED FACE	1	ACDE
-2	37626	MOVABLE FACE	1	ACDE
-3	37627	SPRING KIT	1	ACDE
-4	37628	ROLLER WEIGHTS KIT	1	ACDE
-5	37629	BUMPER	3	ACDE
-6	37615	SPIDER	1	ACDE
-7	37630	RAMP PLATE	1	ACDE
-8	37618	SCREW KIT	1	ACDE
-9	37619	RETAINING RING	1	ACDE
-10	37620	WASHER, Safety	3	ACDE

Figure 7. Drive Clutch (Models 5811-3000; 5814-1000, -1100 and -2000)

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 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
8-	34018	DRIVE CLUTCH	REF	B
-1	37969	FIXED FACE AND HUB ASSEMBLY	1	B
-2	37970	MOVABLE FACE AND ROLLER ARM ASSY ..	1	B
-3	37971	PINS, CLIPS AND SPRINGS, Kit	1	B
-4	37628	REPLACEMENT KIT, Roller weight	1	B
		and arm assembly		
-5	37629	BUMPER, Movable face	3	B
-6	37912	DRIVE PLATE AND PIN ASSEMBLY	1	B
-7	37630	RAMP PLATE	1	B
-8	37618	SCREW, Service kit	1	B
-9	37619	RING, Retaining	1	B

Figure 8. Drive Clutch (Model 5811-4000)

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 B - 5811-4000
 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
9-	33846	DRIVE CLUTCH	REF	FG
	33842	DRIVE CLUTCH	REF	H
	33968	DRIVE CLUTCH	REF	I
-1	37957	FIXED FACE, HUB AND BRG ASSY	1	FG
	37972	FIXED FACE, HUB AND BRG ASSY	1	H
	37956	FIXED FACE, HUB AND BRG ASSY	1	I
-2	37958	IDLER TIRE	1	FGHI
-3	37959	WASHER, Thrust	1	FGHI
-4	37960	BEARING, Cup	1	FGHI
-5	37920	BEARING, Movable	1	FGHI
-6	37961	SPRING, Compression	1	FGHI
-7	37962	BEARING, Outboard slide	1	FGHI
-8	37911	MOVABLE FACE AND TORQUE CUP	1	FGHI
-9	37963	BELL HOUSING ASSEMBLY	1	FGHI
-10	37916	REPLACEMENT KIT, Levers	1	FGHI

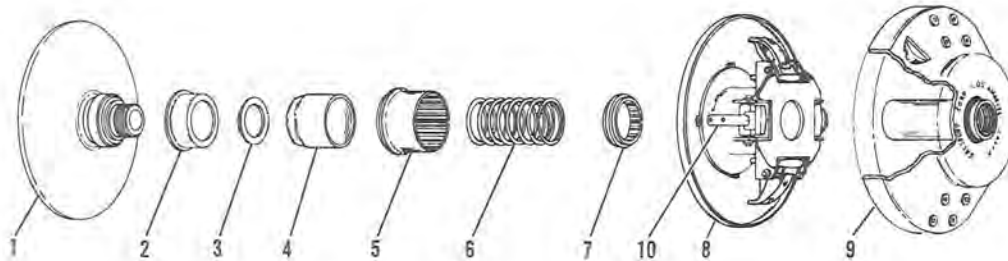


Figure 9. Drive Clutch (Models 5815-1100, -2000; 5818-0100 and 5813-3100)

A - 5811-3000
 B - 5811-4000
 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
10-	33895	DRIVEN CLUTCH	REF	ACDE
	33684	DRIVEN CLUTCH	REF	FGH
-1	1510740	CAPSCREW	3	ACDEFGH
-2	37913	FIXED FACE AND SHAFT ASSEMBLY	1	ACDE
	37973	FIXED FACE AND SHAFT ASSEMBLY	1	FGH
-3	37974	MOVABLE FACE ASSEMBLY	1	ACDE
	37975	MOVABLE FACE ASSEMBLY	1	FGH
-4	1510743	CUP, Spring, inner	1	ACDE
-5	1510744	SPACER	3	ACDEFGH
-6	1510745	SPRING	1	ACDE
	37964	SPRING	1	FGH
-7	37976	CUP, Spring, outer	1	ACDE
	37977	CUP, Spring, outer	1	FGH
-8	1510747	PLATE, Screw locking	1	ACDEFGH
-9	1510748	NUT, Hex	3	ACDEFGH

The diagram shows an exploded view of the driven clutch assembly. Callout 1 points to a cap screw. Callout 2 points to the fixed face and shaft assembly. Callout 3 points to the movable face assembly. Callout 4 points to a spacer. Callout 5 points to a cup with an inner spring. Callout 6 points to a spring. Callout 7 points to a cup with an outer spring. Callout 8 points to a screw locking plate. Callout 9 points to a hex nut.

Figure 10. Driven Clutch (Models 5811-1000; 5814-1000, -1100, -2000; 5815-1100, -2000 and 5818-0100)

A - 5811-3000
 B - 5811-4000
 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
11-	34019	DRIVEN CLUTCH	REF	B
-1	1510740	CAPSCREW	3	B
-2	37978	FIXED FACE AND SHAFT ASSEMBLY	1	B
-3	37979	MOVABLE FACE ASSEMBLY	1	B
-4	1510743	CUP, Spring, inner	1	B
-5	1510744	SPACER	3	B
-6	1510745	SPRING, Red	1	B
-7	37976	CUP, Spring, outer	1	B
-8	1510747	PLATE, Screw locking	1	B
-9	1510748	NUT, Hex	3	B

Figure 11. Driven Clutch (Model 5811-4000)

A - 5811-3000
 B - 5811-4000
 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

Figure & Index Number	Part Number	Description	Qty	Model Code
12-	30392	DRIVEN CLUTCH	REF	I
-1	37921	FIXED FACE AND HUB ASSEMBLY	1	I
-2	37922	MOVABLE FACE ASSEMBLY	1	I
-3	37964	SPRING	1	I
-4	37965	SPRING, Cup	1	I
-5	37966	RING, Retaining	1	I

Figure 12. Driven Clutch (Model 5813-3100)

A - 5811-3000
 B - 5811-4000
 C - 5814-1000

D - 5814-1100
 E - 5814-2000
 F - 5815-1100

G - 5815-2000
 H - 5818-0100
 I - 5813-3100

NUMERICAL INDEX

PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY
120221	2-62	2	12677	5-44	2	181635	4-55	2
120222	6-23	27	130148	5-20	1	181639	3-88	4
	6-62	27	132764	2-91	2		5-36	4
120368	4-24	2	132908	1-48	2	181643	3-17	1
120377	3-78	2	132911	1-10	1		5-37	4
120380	4-38	3		2-39	1	181646	3-22	2
	5-7	5	133046	1-66	2	181649	6-52	2
	5-45	2	133063	1-66	4	181650	3-15	1
120382	3-77	2	134190	1-64	3	181651	6-52	2
	5-26	4		2-88	3	181696	4-60	1
120384	4-18	4	134243	1-44	2	187044	3-85	2
120386	5-46	2	134244	2-44	4	189329	3-16	1
120394	2-86	4	138485	6-39	6	21777	3-13	5
120396	3-76	2	138549	4-59	1	2251	2-109	4
120426	4-17	4	138561	4-1A	1	22945	6-22	2
120622	2-95	2	142443	3-28	2		6-57	2
120638	2-57	2	144518	3-99	4	24054	3-2	1
	3-39	2	15119	5-15	1	24180	1-17	2
	3-81	1	1510740	10-1	3		2-10	1
	6-27F	3		11-1	3	25188	3-42	1
120706	2-50	11	1510743	10-4	1	271482	2-96	3
120832	3-67	1		11-4	1	274517	3-23	4
120854	2-70	9	1510744	10-5	3		3-68A	1
	2-101	1		11-5	3		4-8	4
121222	3-87	4	1510745	10-6	1		4-8	2
121224	3-55	1		11-6	1		4-56	2
121753	2-53	11	1510747	10-8	1	27522	1-36	1
121887	6-25	12		11-8	1		2-20	1
121893	2-23	1	1510748	10-9	3	2791	4-48	1
121913	2-78	2		11-9	3	28416	3-6	2
121926	2-75	4	180042	2-82	4	28762	3-98	2
122007	2-58	2	180079	3-80	1	28764	3-97	2
	3-37	2	180126	3-65	1	28769	3-90	2
123316	1-40	1	180175	4-17	4	28770	3-91	2
	1-40	2	181566	1-87	1	28783	3-40	1
	1-71	3		3-3	2	28784	3-73	1
	4-83	2		6-10	18	29080	2-89	1
123350	3-47A	1		6-62	18	29081	2-92	1
123435	4-86	2	181573	1-77	2	29266	2-90	3
124829	3-66	1		4-65	1	29645	3-93	2
124925	3-9	4	181575	4-65	1	29677	5-42	2
	5-23	6	181577	1-78	2	29942	6-34	12
125250	3-54	1	181578	1-79	2	30017	6-15	1
125680	1-3	8	181595	3-37	2	30018	3-56	1
	1-3	9		4-55	2	30078	6-7	2
	2-4	9		6-28	6	30079	6-58	2
	2-52	7		6-47	2	30080	6-59	2
	2-64	2	181610	4-25	2	30081	3-8	4
125793	4-59	2	181618	2-87	2	30084	3-	1
126358	1-39	2	181620	3-22	2	30100	6-1	1

PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY
30145	6-6	2		6-24	6	32252	1-70	1
30149	3-21	2	30524	6-20	3		2-72	1
30159	3-49	1	30535	3-79	REF	32253	1-6	1
30170	4-6	4		6-27	3		2-36	1
30171	2-66	2	30557	5-51	1	32256	6-41	1
30176	5-12	1	30560	6-16	2	32257	6-42	1
30178	5-13	1	30561	3-11	1	32262	6-48	1
30180	5-11	1	30562	3-	1	32263	6-49	1
30184	3-61	1	30566	5-32	4	32264	6-55	2
30214	1-1	1	30568	5-24	1	32265	6-44	2
30218	1-43	1	30573	5-21	1	32266	6-43	2
	2-42	2	30574	5-18	1	32286	3-34	1
30228	3-84	2	30575	3-74	1	32292	3-31	1
30229	1-21	1	30576	3-72	1	32327	3-59	1
	2-13	1	30577	6-17	2	32331	1-46	1
30247	3-69	2	30610	5-16	1		2-59	1
30250	1-2	1	30611	6-60	2	32352	5-1	1
30251	3-14	2	30612	5-52	1	32380	4-52	1
30263	2-11	1	30614	5-56	1	32442	5-38	1
30264	1-19	1	30615	5-49	1	32443	5-27	1
	2-14	1	30616	5-54	2	32446	5-28	1
30268	1-12	1	30617	5-53	1	32449	2-68	1
30269	2-7	1	30620	6-4	2	32452	2-55	1
30270	1-23	1	30621	6-3	1		3-36	1
	2-16	1	30623	2-4A	1	32453	6-19	1
	4-40	1	30624	2-5	1	32457	5-35	2
30272	1-7	2	30628	2-5	1	32466	3-83	1
	2-38	2		5-4	1	32467	2-71	1
30278	2-12	1	30629	5-3	1	32468	2-73	1
30279	1-19	1	30630	2-3	1	32472	6-33	6
	2-15	1	30631	2-2	1	32473	6-	2
30283	2-43	2	30642	5-6	1	32474	6-30	1
30285	1-8	3	30676	5-2	2	32475	6-	1
	2-41	3	31073	6-27C	1	32476	6-63	1
30310	4-64	1	31074	6-27A	1	32477	6-56A	1
30362	2-94	1	31075	6-27B	2	32480	3-70	1
30363	2-93	1	31152	1-	8	32481	5-48	2
30375	4-39	3	31401	1-43	1	32483	5-47	1
	5-9	3	31450	2-46	1	32484-1	5-43	1
30389	5-39	3	31470	5-59	1	32487	3-33	1
30392	3-75	1	31763	2-47	2	32488	3-32	1
	12-	REF	32174	3-98	2	32490	3-30	1
30393	5-19	1	32177	3-87A	2	32491	2-74	1
30395	2-63	1	32178	3-102	2	32492	6-50	1
30398	2-67	1	32185	2-	2	32493	6-51	1
30400	2-9	1	32186	2-24	2	32499	5-8	1
30402	2-85	REF	32187	3-25	2	32509	2-19	1
	6-30	2	32188	3-26	4	32511	1-47	1
30403	3-7	1	32225	6-31	6	32512	2-18	1
30412	2-49	1	32229	2-84	2	32528	4-75	4
30418	2-1	1	32230	2-80	2		5-31	4
30488	2-17	1	32231	2-79	2	32532	4-77	4
30489	1-24	1	32234	1-76	2		5-33	4
	5-10	1		2-83	2	32534	5-60	1
30523	6-21	6	32237	6-53	2	32536	2-60	1

PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY
32537	1-35	1	33416	6-30	3	33627	3-1	1
	2-21	1	33417	6-5	2	33629	3-	1
32539	3-95	2		6-59	2	33630	3-7	1
32540	3-96	2	33419	6-38	3	33631	3-8A	4
32541	3-103	2	33422	6-12	1	33632	3-	1
32547	3-90A	2	33430	1-26	1	33633	3-11	1
32552	3-103	2		3-83	REF	33634	3-18	2
32566	4-63	1	33434	3-48	1	33635	3-19	2
32585	4-53	2	33444	3-47	3	33644	1-16	1
32588	4-51	2	33447	1-49A	1	33646	1-18	1
32589	4-69	1	33575	1-50	1	33647	1-68	2
32591	4-49	1	33576	1-51	1	33648	1-13	1
32608	4-63	1	33578	1-	1	33649	1-11A	1
32615	4-64	1	33579-1	1-45	2	33650	3-	1
32699	5-30	4	33579-2	1-11	1	33651	3-7	1
32701	6-66	1		1-49	2	33652	3-	1
32702	6-65	2		2-29	2	33653	3-11	1
32703	3-86	2		4-78D	2	33657	3-10	2
32710	5-29	4		4-90	2	33659	6-9	2
32714	2-26A	7	33579-3	1-31	2	33662	3-49	1
32986	1-28	1		1-42	1	33663	6-15	1
	2-27	1		1-72	3	33667	3-1	1
32987	1-29	1		1-80	6	33684	3-64	1
	2-28	1		2-32	3		10-	REF
32999	6-15	1		3-5	2	33686	3-	1
33033	1-15	1		3-103A	2	33687	3-7	1
33038	1-33	2		4-66	1	33688	3-	1
	2-30	3		4-85	2	33689	3-11	1
33123	4-97	1		6-11	18	33698	3-20	2
3324	5-57	1		6-61	18	33699	1-65	1
33296	3-97	2	33579-4	3-52	2	33701	4-2	1
33297	3-100	2		4-12	4	33702	4-3	1
33320	3-18	2		4-20	2	33705	6-55	2
33333	1-4	1		6-14	4	33708	3-36	1
33341	6-41	1		6-46	4	33710	3-36	1
33342	6-42	1	33579-5	3-9A	2	33711	6-31	3
33346	6-48	1		3-10	2	33712	6-32	3
33347	6-49	1		3-86	2	33713	6-34	12
33352	6-56A	1		3-89	4		6-34	13
33354	6-63	1		4-9	4	33716	6-9	2
33356	6-50	1		4-31	2		6-57	2
33357	6-51	1		4-57	2	33717	6-8A	2
33358	1-1	1		4-72	4		6-64	2
33386	1-4	1		6-54	2	33721	6-33	3
33393	1-51	1	33580	1-60	1	33725-1	3-51	2
33394	1-50	1	33583	1-61	1		6-13	4
33396	1-52	1	33584	1-62	1	33725-2	4-27	4
33402	1-5	1	33597	6-56A	1		6-47	2
33403	1-5	1	33598	6-63	1	33725-3	4-11	4
33404	2-35	1	33600	6-4A	1		4-11	2
33410	3-44	1	33601	6-8	1	33725-4	4-71	4
33411	3-50	1	33604	1-50	1	33725-5	4-19	2
33412	6-4A	1	33610	4-4	4	33726-3	1-71	3
33413	6-8	1	33616	1-69	2	33728	3-90A	2
33415	6-	3	33624	4-54	1	33729	3-91	2

PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY
33730	3-93	2	33843	4-58	1	33972	4-5	1
33731	3-94	2		7-	REF	33973	4-5	1
33732	3-90	2	33846	4-58	1	33974	4-5	1
33733	3-69	1		9-	REF	33976	3-68	1
33734	3-92	2	33852	1-30	2	33979	4-79	1
33735	3-97	2		2-31	2	33982	4-81	1
33736	6-35	12	33853	1-32	2	33984	4-80	2
33737	6-1	1		2-29	2	33989	4-50	1
33738	6-1	1	33855	4-67	2	33994	3-1	1
33739	3-102	2		4-67	3	34000	1-88	1
33745	3-101A	2		4-98	1		2-104	1
33746	3-104	2	33856	4-68	2	34006	1-26	1
33747	3-87A	2		4-68	3		3-83	REF
33748	3-98	2		4-99	1	34039	4-61	1
33749	3-87A	2	33857	2-34	1	34044	3-41	1
33750	3-90	2	33859	4-32	1	34045	4-102	2
33751	3-91	2	33861	3-35	1	34047	4-5	1
33752	3-90A	2	33864	4-5	1	34050	4-100	2
33754	6-30	3	33864-18	4-23	2	34051	4-101	2
33757	1-1	1	33867	1-86	1	34052	3-31	1
33763	1-27	1	33875	4-1	1	34053	3-30	1
33764	4-70	2	33889	1-49A	1	34054	3-33	1
33765	4-10	2	33891	4-49	1	34055	3-32	1
	4-10	1	33892	3-60	1	34058	3-45	2
33768	4-76	4	33893	3-62	1		4-5	1
33769	4-74	4	33894	4-29	1	34062	4-7	1
33764	1-73	1	33895	3-64	1	34069	4-42	1
33775	1-73	1		10-	REF	34070	4-44	1
33777	1-74	2	33899	2-26	1	34071	4-45	1
33778	1-75	2	33905	6-	2	34072	4-41	1
33780	4-14	1	33906	6-	1	34074	4-43	1
33781	4-15	1	33907	6-36	4	34076	4-46	1
33782	4-16	1	33908	6-40	1	34077	4-29	1
33783	4-13	1	33909	6-37	1	34079	3-	1
33786	1-34	1	33910	6-33	2	34081	3-	1
33787	1-34	1	33911	6-39	1	34083	3-	1
33788	1-27	1	33916	6-33	1	34087	4-34	1
33791	4-7	1	33924	2-48	1	34088	4-35	1
33792	4-7	1	33927	3-12	1	34089	4-36	1
33793	6-1	1	33928	4-22	1	34090	4-40	1
33794	6-2A	1	33929	4-21	1	34091	4-5	1
33798	6-2	14	33933	3-1	1	34092	4-5	1
33807	4-6	4	33939	3-12	1	34094	4-52	1
33808	1-81	4	33942	2-33	1	34097	4-50	1
33819	3-56	1	33945	4-62	1	34100	1-52	1
33820	3-56	1	33946	4-60	1	34104	6-3	1
33821	3-56	1	33949	3-12	1	34105	1-25	1
33822	3-56	1	33951	4-47	1		1-59	1
33827	3-40	1	33953	4-30	2	34106	4-105	1
33829	4-29	1	33954	3-49	1	34107	4-2	1
33832	6-4A	1	33964	4-49	1	34108	4-3	1
33842	4-58	1	33968	5-17	1	34110	4-106	1
	9-	REF		9-	REF	34112	4-107	2

PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY
34113	4-108	2	34294	2-8	1	37921	12-1	1
34114	4-109	2	34297	3-	1	37922	12-2	1
34115	1-	1	34319	4-10A	1	37956	9-1	1
34117	1-53	1	34320	3-7A	1	37957	9-1	1
34123	4-64	1	34466	4-64	1	37958	9-2	1
34125	4-29A	1	34490	4-53	1	37959	9-3	1
34126	4-29D	1	34511	3-32	1	37960	9-4	1
34128	1-2	1	34512	3-33	1	37961	9-6	1
34129	1-2	1	34513	4-64	1	37962	9-7	1
34140	6-41	1	34515	4-78E	1	37963	9-9	1
34141	6-42	1	34516	4-64	1	37964	10-6	1
34145	2-54	1	34521	4-78	1		12-3	1
34149	5-55	1	34522	1-43	1	37965	12-4	1
34152	1-20	1	34525	4-49	1	37966	12-5	1
	1-58	1	34543	3-1	1	37969	8-1	1
34154	1-19	1	34554	1-16	1	37970	8-2	1
	1-57	1	34555	1-85	1	37971	8-3	1
34155	1-90	2	34556	3-1	1	37972	9-1	1
	2-106	2	34563	1-26	1	37973	10-2	1
34159	1-83	2		3-83	REF	37974	10-3	1
	2-97	2	34564	1-26	1	37975	10-3	1
34163	1-89	2		3-83	REF	37976	10-7	1
	2-105	2	34569	1-13	1		11-7	
34168	1-54	1	34570	1-11A	1	37977	10-7	1
34176	1-56	1	34571	3-	1	37978	11-2	1
34177	1-55	1	34572	3-	1	37979	11-3	1
34180	3-71	1	34573	1-14	1	420998	4-33	3
34181	3-	1	34579	3-12	1	436736	2-108	4
34182	3-	1	34586	4-50	1	436750	4-29C	1
34183	3-	1	34588	4-29	1		4-78B	2
34184	6-	1	34602	4-6	4		4-88	2
34185	6-	1	34725	4-49	1	446188	1-41	1
34186	1-91	4	34728	4-50	1		1-82	4
	2-107	4	34729	4-52	1		2-24	1
34187	5-40	1	34731	3-40	1		2-81	4
34188	5-41	1	37615	7-6	1		2-102	1
34207	4-3	1	37618	7-8	1		3-4	2
34211	3-58	2		8-8	1		3-46	2
34212	3-58	2	37619	7-9	1		4-84	4
34213	3-58	1		8-9	1	446363	1-38	2
34214	3-57	1	37620	7-10	3		3-47B	1
34228	1-22A	1	37625	7-1	1		5-25	4
34229	1-22	1	37626	7-2	1	456145	2-56	2
34231	4-97	1	37627	7-3	1		2-78A	2
34232	3-60A	1	37628	7-4	1		3-23	4
34237	1-85	1		8-4	1		3-38	2
	2-99	1	37629	7-5	3		3-53	2
34261	1-14	1		8-5	3		4-26	2
34268	2-100	1	37630	7-7	1		4-28	4
34270	1-9	10		8-7	1		6-4A	2
	2-37	10	37911	9-8	1	457509	2-61	2
34271	1-84	8	37912	8-6	1		2-110	4
	1-85A	4	37913	10-2	1	457514	2-45	4
	2-98	3	37916	9-	1	466145	6-45	2
34272	4-78A	1	37920	9-5	1	706	6-56	6

PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY	PART NO.	INDEX NO.	QTY
8103	3-82	1	9416107	4-9	4	997314	2-25	1
8288	6-27D	1	9417098	3-59A	1		2-51	11
8290	3-63	2	9417373	4-78C	2		2-65	4
8441	3-101	2		4-89	2		2-69	9
8728	2-76	10	9417420	3-27	4		2-77	4
9413314	6-26	12	9422157	4-73	4		2-103	1
9413447	1-37	3	995224	3-89	4		3-104	2
	2-22	1	995246	4-37	3	997316	6-24	27
	6-27G	3		5-14	3		6-61	27
9414078	6-46	4	995339	3-43	2	998010	6-27E	3
9414920	1-67	4	995364	3-15	1	998045	5-34	4
9415106	3-10	3		3-85	2	998503	6-18	3
	5-22	10	995371	3-88	4	999101	5-50	1
	6-54	2	996907	2-40	1	999701	5-58	4