

**MODELS**  
**5811-0200**  
**5812-0300**  
**5814-0000**  
**5815-0000**

**The New Dependables From AMF.**

**AMF**

**AMERICAN MACHINE & FOUNDRY COMPANY**  
CONSUMER PRODUCTS SALES DIVISION  
PARTS & SERVICE DEPARTMENT  
Whiteford Road, York, Pennsylvania 17402 • Area Code 717 848-1177

**PART NO. 37953**



The following information is for Models **58110200 - 58120300 - 58140000 - 58150000**. If information does not apply to one of the above four units, the exception will be pointed out, and additional information will follow in the manual.

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# CHASSIS

## TO REPLACE TOP SHROUD

1. Remove right and left half end caps from the rubber trim strip by removing two screws and two lock nuts.

2. Remove the center front bumper bolt.

3. Lift up rubber bumper strip and drill out rivets.

4. Remove the rubber bumper strip.

5. Remove bracket holding steering column to the top shroud by removing two screws, two nuts and a holding plate. Remove fasteners from inside storage compartment on top shroud.

6. Remove gas cap and support angle which holds the fuel intake to the top shroud. To release the support angle remove one screw and one nut from the top shroud.

7. Disconnect wiring loom at connector plug.

8. Remove light switch by removing two nuts from the outside of the switch on Models 5811 and 5812. Models 5814 and 5815 do not have a separate light switch.

9. Remove ignition switch by removing the nut on the backside of the switch. Then push switch out. **NOTE:** Models 5814 and 5815 have the light switch and ignition switch combined in one location.

10. Remove wire holding clips from the edge of the access hole on the top shroud.

11. Remove head lamp assembly from the front of the shroud by removing two screws and two nuts.

12. Use reverse procedure from that stated above to install new top shroud.

13. Use either a pop rivet gun and pop rivets or flat head screws and lock nuts to secure new top shroud. If flat head screws are used, work through the access opening.

## TO REPAIR TOP SHROUD

If the top shroud is fractured or punctured, repair with Polyester resin and fiber glass cloth. See chassis parts diagram for paint information.

**NOTE:** The repair materials are not supplied or kept in stock by the manufacturer. However, they can be purchased locally through auto parts or marine supply companies.

## TO REPLACE FUEL TANK

1. Remove access cover on top shroud.

2. Loosen clamp which holds intake fuel line to the fuel intake plug by unscrewing it. The best tool to do this is a pair of long handle adjustable pliers.

3. Remove fuel outlet plug (See Figure 1). Use same method to remove as stated above.

4. Remove clutch guard and drive belt as shown being done in Figure 2.

5. Loosen brackets located at bottom of chain housing (See Figure 3). Use vice grips to hold bolts



Figure 1



Figure 2

while loosening nuts. Remove only one completely. Swing bracket back to free bottom of chain housing.

6. Remove the brake cable from the brake arm by loosening the allen screws (See Figure 3).

7. **IMPORTANT:** Place sled on its left side for a few minutes to let the oil in the drive shaft run into the chain case. This will lessen spillage of oil when the chain case is removed and the sled is on its side. Drain chain case by removing check plug.

8. Remove all fasteners marked "A" in Figure 3 to release the chain case.

9. Pry off chain case and driven clutch with two long heavy screw drivers or similar tools.

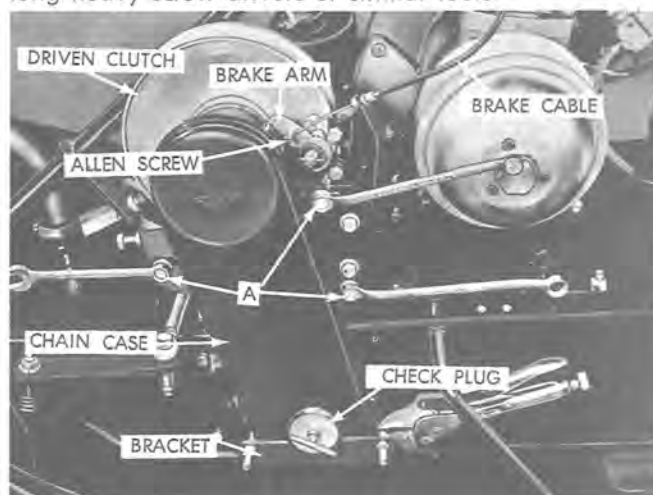


Figure 3

10. Release track tension by loosening adjusting bolts as shown in Figure 4.

11. Place sled on its left side.

12. Remove the three lacer pins from the belt splice and remove the track from the sled.

13. Remove the front boggie assembly by removing a bolt and a washer from each end of the boggie shaft. Figure 5 shows a boggie assembly with a washer and a bolt to be removed.

14. With a screw driver carefully pry the rubber oil seal from the bearing retainer on the drive shaft (See Figure 6) on both right and left hand sides.

15. Figure 7 shows the drive shaft and driving sprockets being removed. Pull shaft towards the side which has the chain housing removed. This will free the drive shaft and sprockets for removal.

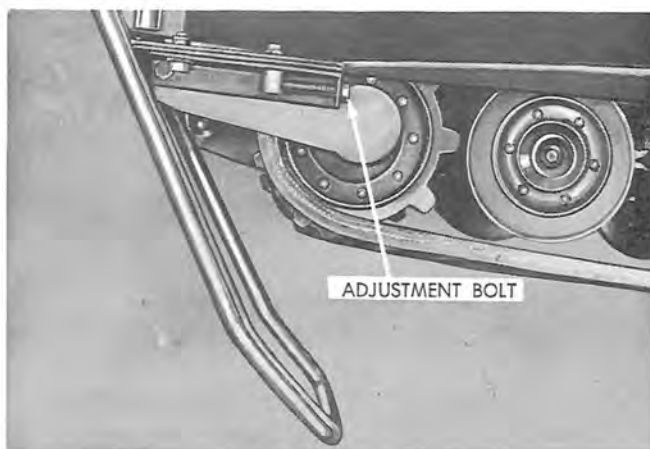


Figure 4

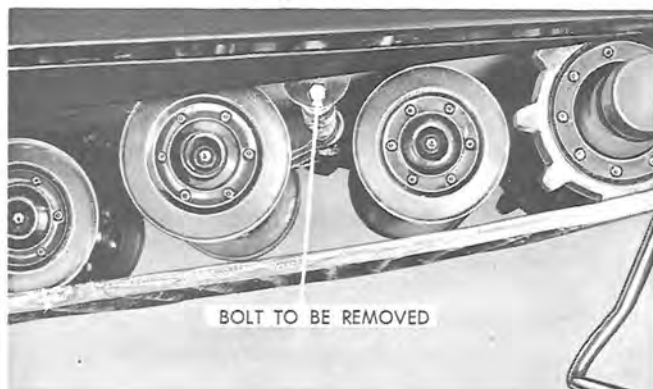


Figure 5

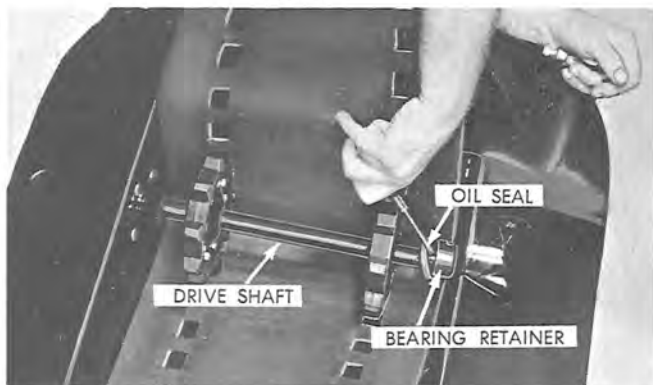


Figure 6

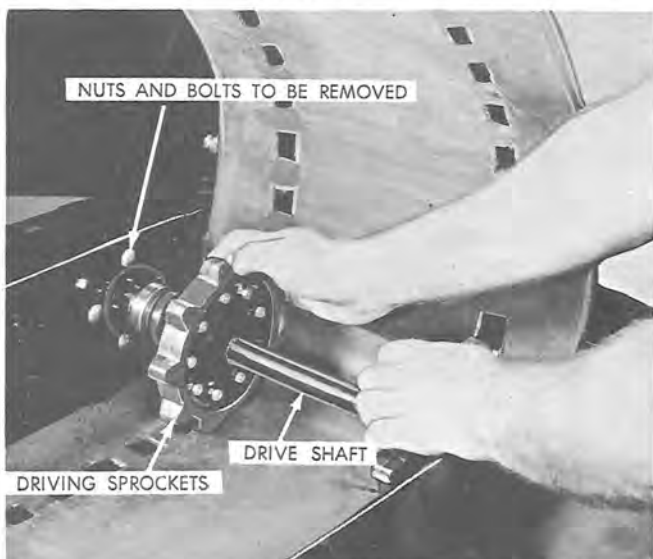


Figure 7

**NOTE:** When replacing drive sprockets and drive shaft, add one-two ounces of oil to center of shaft. Also check oil level in chain housing after it is reinstalled. The oil level should be approximately 2½ inches deep in the chain housing (approximately 5 ounces). Do not overfill as overfilling can cause leakage at vent hole and possibly get oil on the drive belt.

16. Figure 8 shows screws and nuts to be removed to remove fuel tank retainer plate. Remove retainer plate (See Figure 9).

17. Remove bearing retainer which holds the drive shaft by removing four nuts and bolts (See Figure 7). Remove chain case bolt on the opposite side of bearing retainer.

18. Remove the fuel tank.

19. Reassemble in opposite order as stated above. During reassembly follow instructions under TRACK TENSION ADJUSTMENT, TRACK ALIGNMENT, BRAKE ADJUSTMENT, DRIVE BELT ADJUSTMENT, AND DRIVING CHAIN ADJUSTMENT.



Figure 8

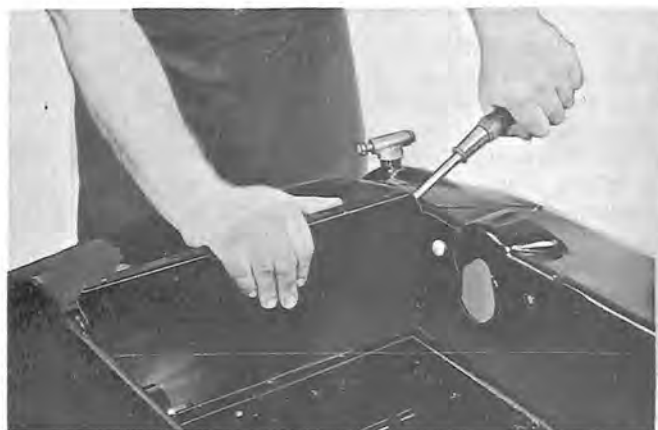


Figure 9

## STEERING

Skis should be properly aligned so they are parallel to each other and parallel with the drive track when the steering handle is in the straight ahead position. Figure 10 shows skis properly aligned. Measure the distance between the skis at the front and at the rear. The distance should be equal. Figure 10 shows the front measuring point.

## SKI ALIGNMENT

1. Center steering handle, check to see that right hand ski is parallel with the drive track.

2. If the right hand ski is not parallel to the drive track adjust drag link. If a large amount of adjustment appears necessary, remove spindle arm retaining bolt with zerk fitting (See Figure 11). Remove the spindle arm from the spindle.





Figure 10

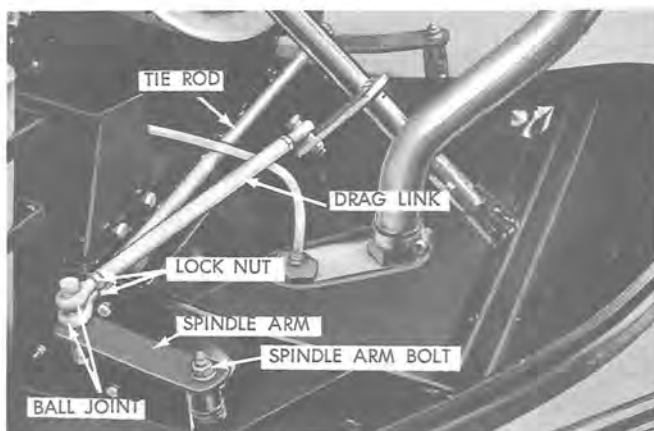


Figure 11

3. Align right hand ski so that it is parallel with track and replace spindle arm on the spindle making sure that the splines are aligned and securely tighten retaining bolt.

4. Measure skis front and rear making sure that both skis are in alignment. If the skis are not in alignment with each other, adjust tie rod by loosening the lock nuts and rotating tie rod.

5. Turn steering handle all the way to the left and then check to see that the tie rod end does not strike fiber glass hood. Then turn steering handle all the way to the right and check other tie rod end for same.

## POWER TRAIN

### TO REMOVE DRIVE BELT

Remove tension from belt by following instructions under DRIVE BELT ADJUSTMENT. Then remove the belt guard and use a screw driver or similar tool to pry drive belt off driven sheaves as shown in Figure 12. Remove other end from drive clutch. Replace in reverse order. After replacing drive belt check the belt tension (See DRIVE BELT ADJUSTMENT).

### DRIVE BELT ADJUSTMENT

1. If the drive belt needs tightening, loosen all bolts marked "A" as shown in Figure 13.
2. Do not loosen bolts marked "B", (See Figure 13).
3. Loosen lock nut "C", (See Figure 13).
4. Turn adjusting bolt "D" clockwise. This will pull the chain case forward and tighten the belt. The proper belt tension is obtained when there is  $10\frac{3}{4}$  inch distance between clutch centers as shown in Figure 13.



Figure 12

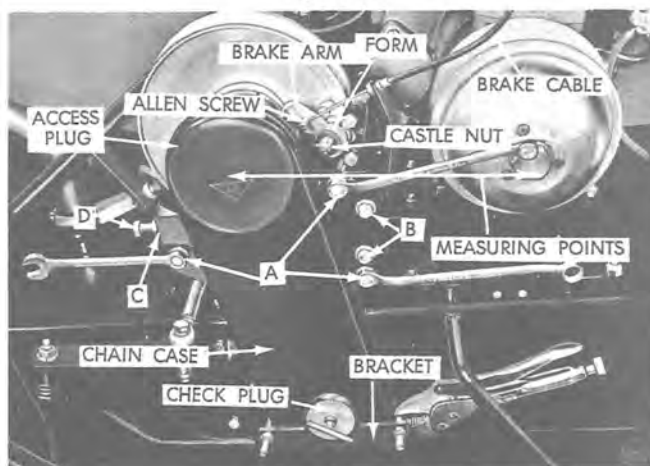


Figure 13

5. Retighten all bolts and nuts.

6. If the drive belt is too tight, which would not let the belt come all the way to the outside of the sheave on the driving clutch, use the same procedure as above except turn the adjusting bolt "D" counter-clockwise which will push the chain case to the rear.

### TO REMOVE CHAIN HOUSING AND DRIVEN CLUTCH

1. Remove clutch guard and drive belt as stated above.

2. Loosen bracket at bottom of the chain housing (See Figure 13). Use vice grips to hold bolts while loosening nuts. Remove only one completely. Swing bracket back to free bottom of chain housing.

3. Remove brake cable from brake arm by removing the allen screws (See Figure 13).

4. Remove all fasteners marked "A" in Figure 13 to release chain housing.

5. Drain chain case through the check plug at the bottom.

6. Pry off chain and drive housing with two long heavy screw drivers or similar tools.

7. If it becomes necessary to remove chain housing from the driven clutch, follow instructions under TO REPLACE DRIVE CHAIN.

8. Reassemble in reverse order as stated above.

### TO REPLACE DRIVE CHAIN

1. Remove chain housing as stated above.

2. Remove rubber access plug (See Figure 13). Also remove the "TEE" plug at the bottom of the chain case.
3. Remove cotter pin and castle nut (See Figure 14).
4. Remove sprockets and chain (See Figure 14).
5. Remove chain adjusting bolt assembly (See Figure 14) and remove driven clutch. The large sprocket at the bottom of the chain housing will have to be pulled to the top access hole and pried out with a screw driver or similar tool.

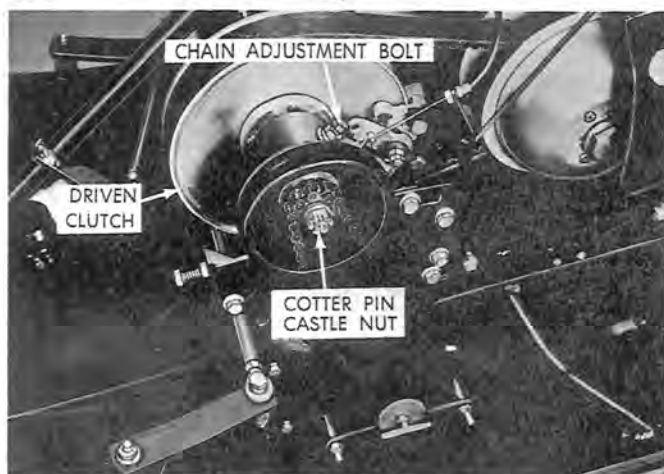


Figure 14

6. Put in the new chain and replace the large sprocket by driving it in with a fibre hammer as shown in Figure 15.

7. Reassemble in reverse order.

8. Check oil level in bottom of chain case when it is reassembled. The oil level should be 2-2½ inches deep in the chain case. Also see LUBRICATION INSTRUCTIONS, and DRIVING CHAIN ADJUSTMENT.

### DRIVING CHAIN ADJUSTMENT

Check the tension of the driving chain regularly. Check and adjust as follows:

1. Remove access plug from chain housing (See Figure 13).
2. Check chain for slack. Properly adjusted chain should have ¼" slack.
3. If slack is greater than ¼" loosen the lock nut under the adjustment bolt (See Figure 14). Push bolt down to tighten chain or pull up to loosen chain.
4. When properly adjusted, retighten lock nut on adjustment bolt securely and replace plug.

### BRAKE ADJUSTMENT

1. If the brake is too loose and needs tightening, loosen the two allen screws and hold form of brake arm straight up and down as shown in Figure 13. Pull



Figure 15

brake cable tight and tighten allen screws.

2. If further adjustment is needed remove cotter pin from castle nut on the brake arm and tighten castle nut down until the brake pads just clear the clutch sheave (See Figure 13). Then reinstall cotter pin.
3. If brake is too tight, reverse the above procedure.

## TRACK GROUP

### TO REMOVE DRIVE TRACK

1. Release track tension by loosening adjusting bolts as shown in Figure 16.

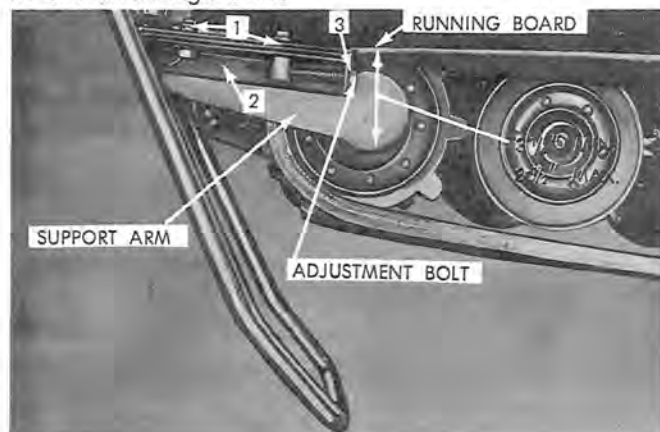


Figure 16

2. Tip sled up on its left side and remove the three lacer pins from the belt splice.

3. Reassemble in opposite order from above. During reassembly follow instructions under TRACK TENSION ADJUSTMENT and TRACK ALIGNMENT.

### TRACK TENSION ADJUSTMENT

Track tension should be checked periodically as long life and efficiency of the track depends largely on correctness of tension adjustment and alignment. To adjust tension:

1. Lift the back of the Ski-Daddler off the ground with the kickstand. **CAUTION:** Lift sled with one hand on the hand rail while lowering kickstand tube with the other. Return kickstand to storage position using opposite procedure as stated above. 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 when the kickstand is in the down position.

2. Check track tension by measuring the distance between the bottom of the running board and the bottom edge of the support arm. Measurement should be 3½" maximum and 3¼" minimum. Figure 16 shows points of measurement.

3. If adjustment is needed, loosen two bolts (No. 1, Figure 16) on each side that secure the adjuster plate (No. 2, Figure 16). Turn adjusting bolt (No. 3, Figure 16) clockwise to tighten and counter-clockwise to loosen until proper 3¼" to 3½" measurement is achieved on each side. Adjust both sides equally. Track should have a slack of about 2" to 2¼" in the center below boggie wheels.

4. Before retightening bolts (No. 1, Figure 16) check the track alignment as outlined below.

### TRACK ALIGNMENT

1. With the unit on the kickstand, run the engine so that the track will turn slowly.

2. Stand at the rear of the machine and check to see that the teeth of the rubber sprockets are centered

in the slots in the track and also that the distance between the track and the support arm is the same on each side.

3. If track is not centered tighten the adjusting bolt (No. 3, Figure 16) on the side where the track is closest to the support arm until track is centered.

4. When adjustment and alignment of track is completed, retighten the two bolts (No. 1, Figure 16) on each side.

### TO REMOVE BOGGIE WHEELS, SPRINGS, AND REPLACE WHEEL BEARINGS

1. Remove a set of boggie wheels by removing a bolt and a washer from each end of the boggie wheel support shaft. Figure 17 shows one bolt and washer to be removed.

2. Pull out the set of boggie wheels.

3. To replace or repair any part of a boggie wheel, remove the rivets by drilling them out.

4. With a steel tube just less than an inch in diameter, carefully drive the wheel support out of the bearing. Install a new bearing, then peen tube lightly with a ball peen hammer to flare out the end of the wheel support.

5. Reassemble in the opposite order.



Figure 17

6. Remove the support shaft which holds the boggie wheel support assembly halves together.

7. Pull the boggie wheel support halves apart and replace or repair springs.

8. Reassemble in the opposite order as stated above. Use new rivets or screws, lock washers and nuts, when reassembling boggie wheel halves.

### TO REMOVE IDLER SPROCKETS

1. Place the snowmobile on the kickstand.

2. Release track tension by removing both right and left hand adjuster plates (See Figure 16). Remove all fasteners holding the adjuster plates to the frame.

3. Now the rear support arms and idler sprockets can be removed as an assembly.

4. Pull the support arms off the idler shaft.

5. Remove the pressed on bearings and rubber bearing covers. Follow instructions under TO REMOVE BOGGIE WHEELS, BOGGIE SPRINGS, AND REPLACE BOGGIE WHEEL BEARINGS.

6. Remove the nine screws and nuts which hold the sprocket plates and the nine tooth sprocket in place.

7. Reassemble in the opposite order as stated above.

### BEARING COVER REPLACEMENT

This rubber cover is important because it holds in the lubrication for the bearing. To replace follow instructions under TO REMOVE IDLER SPROCKETS.

### TO REMOVE DRIVE SPROCKETS

Follow the instructions under TO REPLACE DRIVE BELT. Then remove drive sprockets the same as outlined under TO REMOVE IDLER SPROCKETS.

## CARBURETOR—MODEL 5811

**IT IS IMPORTANT NOT TO FORCE ADJUSTMENTS INTO SEATS.** The dual carburetors used are Tillotson Model HL-209 and HL 210 Carburetors. For best results the engine should be warm when final carburetor adjustments are made. Figure 18 shows the left side of the carburetor, and Figure 19 shows the right side.

**1. STARTING A COLD ENGINE**—Close choke and crank engine. After the engine starts move the choke to the open position. Do not move the throttle lever far enough for bottom carburetor to be open. The choke is on the top carburetor only, and any opening at the bottom will cause fuel starvation and hard starting.

**2. STARTING A WARM ENGINE** — It should be started with the choke open. The choke is shown in Figure 18.

**3. TO ADJUST CARBURETOR** — Turn in the high speed jet on the bottom carburetor all the way (**DO NOT FORCE**), then open  $1\frac{1}{4}$  turns as shown in Figure 18. When engine is warm place unit 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  $\frac{1}{4}$  turn). Turn in the idle mixture screw all the way (**DO NOT FORCE**). Open 1 full turn as shown in Figure 19. **IMPORTANT: MAKE NO OTHER ADJUSTMENT OF 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 18. Keep idle speed slower than clutch engaging speed (approximately 1750-2000 RPM).

**NOTE:** Figure 18 also shows a throttle wire adjust-

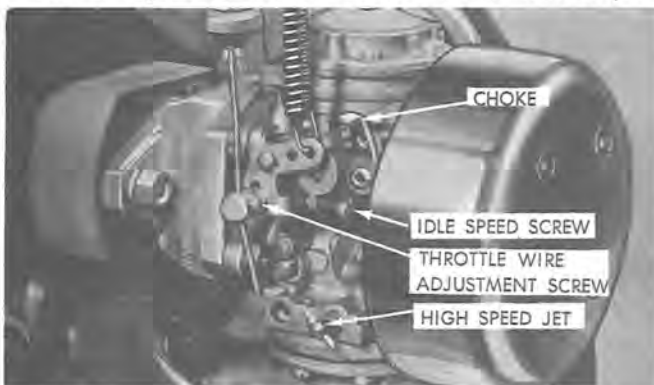


Figure 18

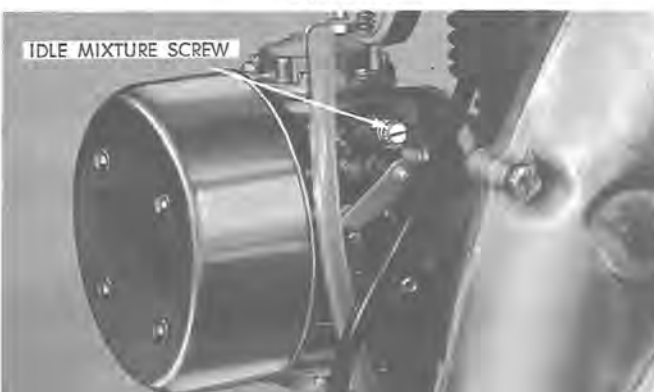


Figure 19



ment collar and screw. Remove carburetor air cleaner and depress the throttle control. If it does not open the throttle plate completely, loosen throttle wire adjustment screw and readjust to open throttle.

## CARBURETOR—MODEL 5812

**IT IS IMPORTANT NOT TO FORCE ADJUSTMENTS INTO SEATS.** The single carburetor used is a Tillotson Model HR Carburetor. For best results the engine should be warm when final carburetor adjustments are made. Figure 20 shows the left side of the carburetor and Figure 21 shows the right side.

**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** — It should be started with the choke open. The choke is shown in Figure 20.

**3. TO ADJUST THE CARBURETOR**—Turn in the high speed jet all the way (**DO NOT FORCE**), then open  $1\frac{1}{4}$  turns as shown in Figure 20.

When engine is warm place unit on kickstand and slowly accelerate to high speed. Turn high speed adjustment needle in to point where the engine runs the fastest and smoothest, then open needle (turn out  $\frac{1}{4}$  turn). Turn in the idle mixture screw all the way (**DO NOT FORCE**). Open one full turn as shown in Figure 20. **IMPORTANT: MAKE NO OTHER ADJUSTMENT OF 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 21. Keep idle speed slower than clutch engaging speed (approximately 1750-2000 RPM).

**NOTE:** Figure 21 also shows a throttle wire adjustment collar and 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.

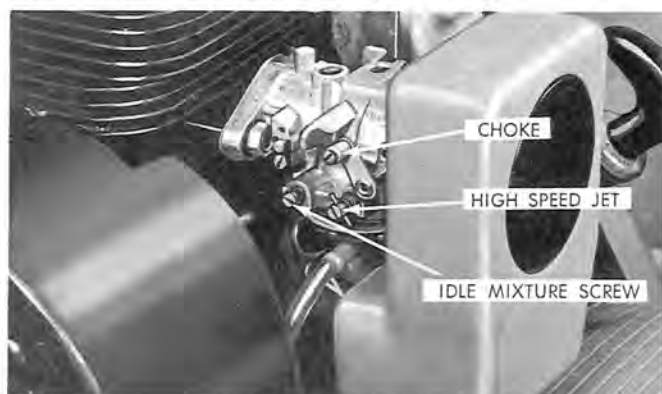


Figure 20

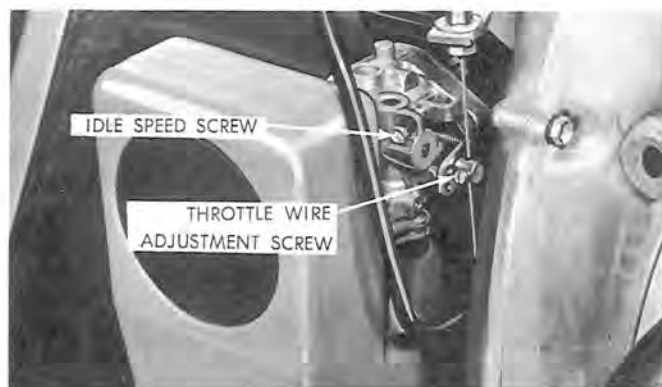


Figure 21

## CARBURETOR—MODELS 5814 AND 5815

**IT IS IMPORTANT NOT TO FORCE ADJUSTMENTS INTO SEATS.** The single carburetor used is a Tillotson Model HD-6B Carburetor. For best results the engine should be warm when the final carburetor adjustment is made. Figure 22 shows the left side of the carburetor and Figure 23 shows the right side.

**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** — It should be started with choke open. The choke is shown in Figure 22.

**3. TO ADJUST CARBURETOR** — Turn in the high speed jet all the way, (**DO NOT FORCE**). Then open  $1\frac{1}{4}$  turns as shown in Figure 22.

When engine is warm place unit on 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  $\frac{1}{4}$  turn). Turn in the idle mixture screw all the way. (**DO NOT FORCE**). Open one full turn as shown in Figure 23. **IMPORTANT: MAKE NO OTHER ADJUSTMENT OF 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 23. Keep idle speed slower than clutch engaging speed (approximately 1750-2000 RPM).

**NOTE:** Figure 23 also shows a throttle wire adjustment collar and 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 22

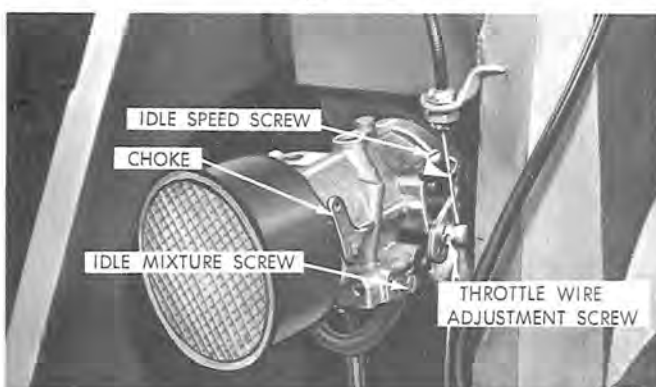


Figure 23

## ELECTRICAL INFORMATION

**NOTE:** Below is a wiring diagram for Model 5811 and Model 5812. Other models may be powered by JLO engines with automatic spark advance and 40 watt lighting coils. Engines with 40 watt lighting coils have two yellow wires, a brown wire, and a black wire leading to a junction block (See Figure 24).

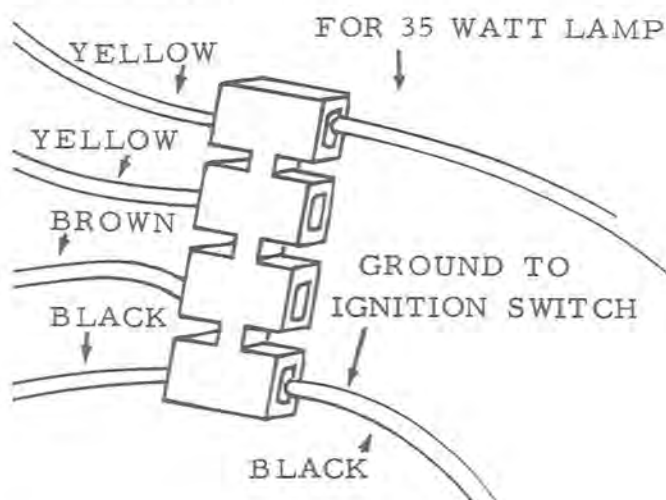


Figure 24

### HEAD LAMP

To replace head lamp assembly:

1. Remove two screws and nuts which hold the head lamp to the front hood.
2. If it is necessary to replace the complete head lamp assembly, remove two screws which connect the wiring to the head lamp.

### TAIL LAMP

To replace bulb or any part of the tail lamp assembly, follow these instructions:

1. Remove the seat back by removing four seat back bolts and washers.
2. Remove three screws that hold the tail lamp cover and lens to the back plate.
3. If the whole tail lamp assembly needs replacing, remove two screws that hold the assembly to the seat back.

4. Disconnect wiring and replace tail lamp assembly if necessary.

5. When reassembling, fasten tail lamp assembly lens and cover to the seat back plate with three screws and nuts before attaching the seat back plate and seat back to the seat back tube.

## FUEL MIXTURE INSTRUCTIONS

The correct oil-gasoline ratio is 20:1 or one quart oil to five gallons of gasoline. Too much oil will cause carbon deposits. Too little oil will cause insufficient lubrication.

**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 non-detergent automotive engine or outboard motor oil. Do not use light duty oils or multiviscosity oils.

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

Mix the gasoline and oil thoroughly in a separate clean container kept for this purpose only. Best way to insure good mix is to add oil to an empty or about half-full container and then fill with gasoline. Mix thoroughly.

Fill gasoline tank on Ski-Daddler from this separate container of mixed fuel. Use a funnel with a fine screen strainer when filling tank. Fill tank slowly to avoid air pockets.

### OIL AND ADDITIVES

We do not recommend the use of additives for the fuels to be used in the engines of the Ski-Daddlers.

Some outboard motor oils contain a detergent that works well in an outboard. However, an outboard operates at a much lower temperature because it is water cooled and the detergent may cause spark plug fouling in the air cooled engines used on the Ski-Daddlers.

Use an oil for air cooled 2 cycle engines such as AMF oil or a good non-detergent 30 or 40 motor oil.

If you experience a problem with moisture in the fuel system a small amount of Dri-Gas or equivalent may be used.

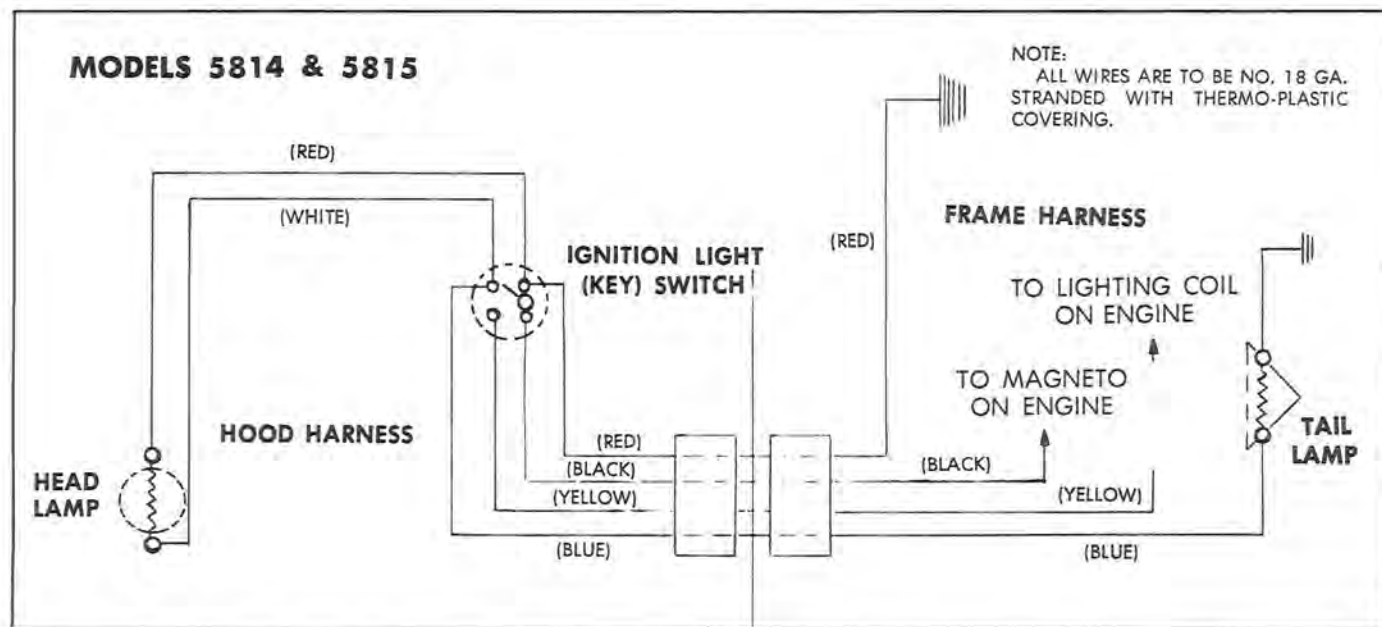
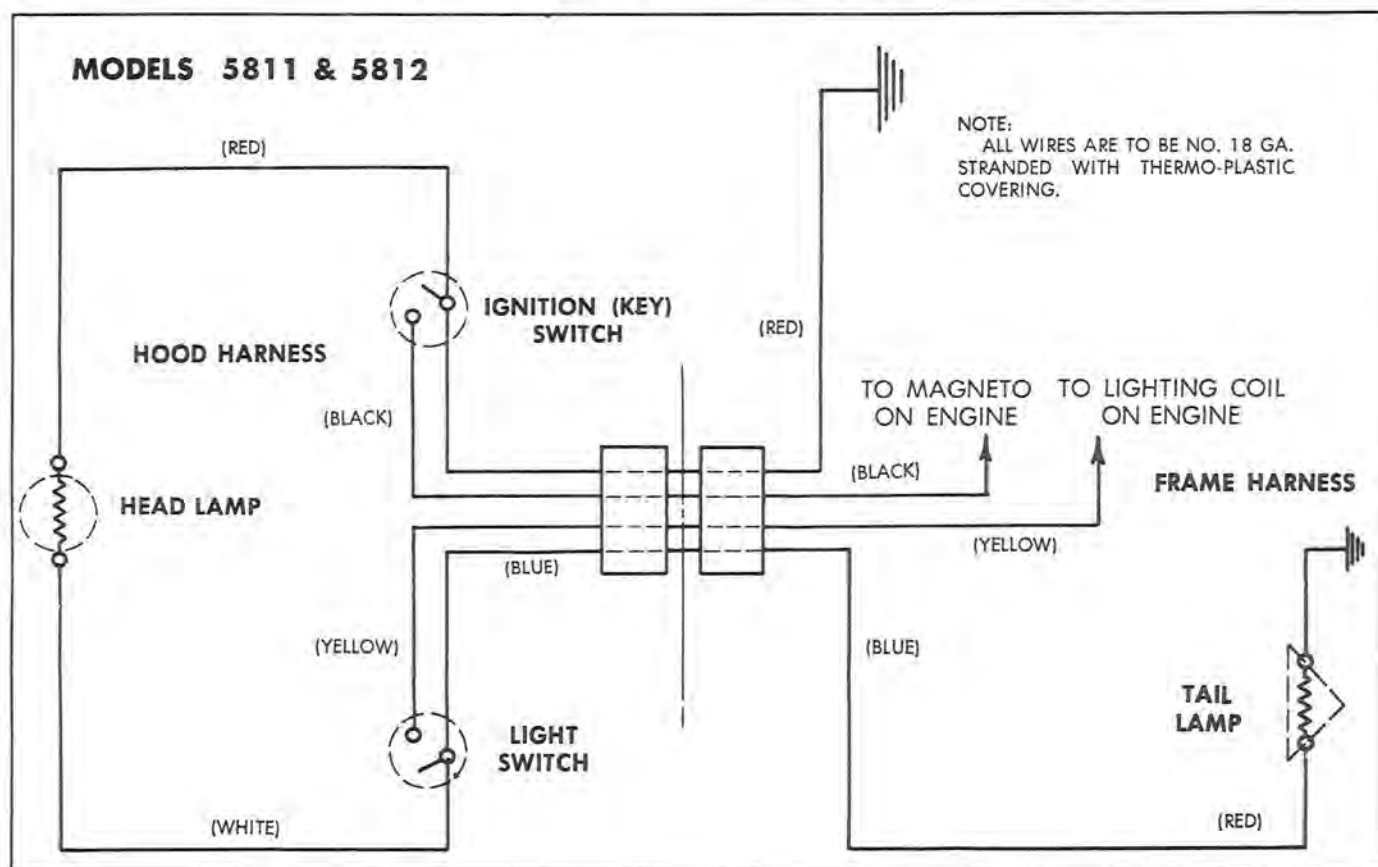
## LUBRICATION INSTRUCTIONS

PART	LOCATION	TYPE OF LUBRICATION	FREQUENCY
Steering Spindles	Grease Zerk on Spindles	Low Temperature Grease	50 hr's.
Chain Housing	With "TEE" Plug Removed	Light Engine Oil	25 hr's.
Boggie Wheels	Grease Zerk in Center of Boggie Wheel	Low Temperature Grease	25 hr's.
Steering	End of Handle Column	Light Engine Oil	50 hr's.

## FUEL MIXTURE

JLO	REGULAR 30 OR 40 WT. OIL	AMF OIL	MAG TYPE	REGULAR 30 OR 40 WT. OIL	AMF OIL
252	20:1	Break-In 32:1	2054-SRB	20:1	Break-In 32:1
292	Under All	After 25 hr's. 40:1	x 18	Under All	After 25 hr's. 40:1
297	Conditions	Severe Serv. 32:1	2054-SRB	Conditions	Severe Serv. 32:1
372			x 20		

## REPAIRMAN'S REFERENCE WIRING DIAGRAM



The wiring diagram shown here is a technical explanation of the circuitry on this unit. It is intended for use by repairman or owners capable of reading and using wiring diagrams.

The various component parts have been labeled. See your Service Dealer for part numbers, price and ordering

information. Also see your Service Dealer for available Service Manual.

We recommend that unless you are fully qualified to make repairs on the electrical system on this unit, you take it to a competent repairman for such work or adjustments.

# AMF SKI-DADDLER SNOWMOBILE

## SNOWMOBILE TOUCH-UP PAINT

It has been determined that our Parts Department will NOT handle this paint; however, listed below is the color name and code numbers of the matching paint that can be secured locally.

	(GM Number)	(Duplicolor Number)
Sable Black	1966-GM93005	DS 100
Artic White	1965-93/93774	DSGM 30
Starlight Silver	1966-181-97210	Silver Mist/DSGM 109

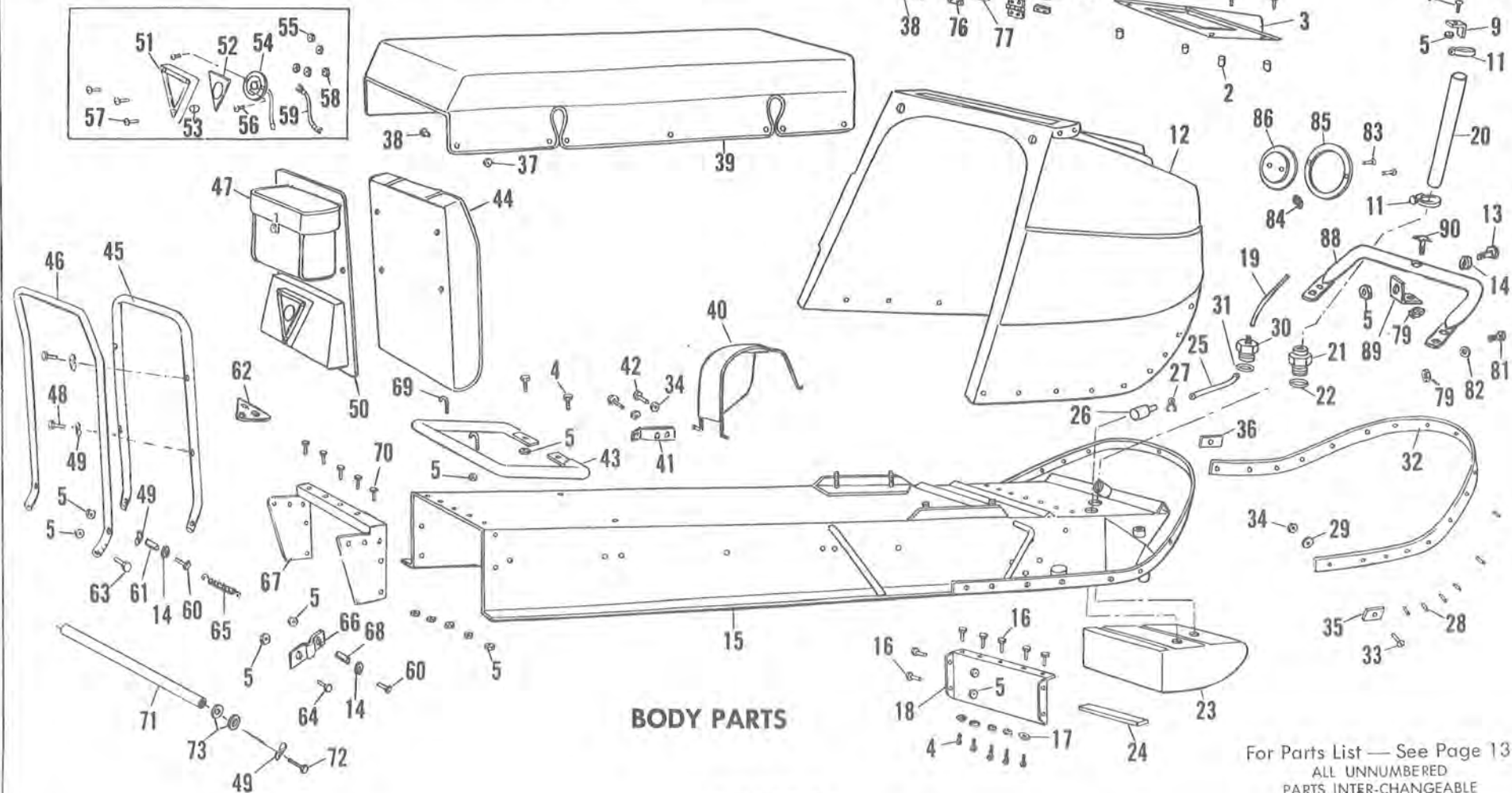


FIGURE 1



# AMF SKI-DADDLER SNOWMOBILE MODELS 58110200, 58120300, 58140000 & 58150000

ALWAYS GIVE THE FOLLOWING INFORMATION WHEN ORDERING REPAIR PARTS:

1. THE PART NUMBER      2. THE PART NAME      3. QUANTITY DESIRED      4. THE MODEL NUMBER

SEND PART ORDERS AS PER THE INSTRUCTIONS ON PAGE 2

Your Unit is Right Hand (R.H.) or Left Hand (L.H.) as you stand behind it.

DO NOT USE KEY NUMBERS WHEN ORDERING REPAIR PARTS, ALWAYS USE PART NUMBERS.

## FIGURE 1 PARTS LIST FOR MODEL 58110200

Key No.	Part No.	Description	Key No.	Part No.	Description
1	995355	*1/4"-20x1" Rd. Hd. Sc.	47	30221	Tote Pouch
2	30295	Rubber Spacer	48	121926	*1/4"-20x1 1/2" Hex Hd. Sc.
3	30217	Hood Access Lid	49	8728	Formed Washer
4	125680	*1/4"-20x5/8" Rd. Hd. Sc.	50	31150	Seat Back Cover
5	997314	*1/4"-20 Lock Nut	51	29080	Tail Lamp Door
6	30268	Gas Cap	52	29081	Tail Lamp Lens
7	30313	Chain	53	29266	Rubber Spacer
8	30269	Fuel Level Indicator	54	30363	Tail Lamp
9	30365	Support Angle	55	120622	*No. 8-32 Hex Nut
10	30810	Hood Grommet	56	132764	No. 8-32x1" Oval Hd. Sc.
11	24180	Clamp	57	134186	No. 6-32x1" Oval Hd. Sc.
12	30215	Hood Assembly	58	271482	*No. 6-32 Lock Nut
13	121893	*1/4"-20x7/8" Hex Hd. Sc.	59	30362	Tail Lamp Ground Wire
14	446188	Washer	60	180042	1/4"-20x1 3/4" Hex Hd. Sc.
15	32318	Main Frame Assembly	61	32230	Spacer
16	120706	*1/4"-20x1 1/2" Hex Hd. Sc.	62	32252	Hitch
17	121753	*1/4" Washer	63	121913	*1/4"-20x1 1/4" Hex Hd. Sc.
18	30194	Retainer Plate	64	180016	1/4"-20x1 1/2" Hex Hd. Sc.
19	30229	Gas Line	65	32234	Spring
20	30267	Fuel Inlet Tube	66	32231	Bracket
21	30263	Inlet Fitting	67	32233	Seat Back Angle Assembly
22	30278	"O" Ring	68	32229	Spacer
23	31449	Fuel Tank	69	30171	"J" Bolt
24	31763	Rubber Strip	70	120854	*1/4"-20x5/8" Hex Hd. Sc.
25	30270	Fuel Pick-Up Tube	71	29943	Shaft
26	30265	Fuel Filter	72	181618	5/16"-24x1 3/4" Hex Hd. Sc.
27	30488	Clamp	73	32533	Washer
28	32810	*3/16" Pop Rivet	74	132911	*No. 10-32x5/8" Sc.
29	2251	Washer	75	996907	*No. 10-32 Nut
30	30264	Outlet Fitting	76	30272	Hinge
31	30279	"O" Ring	77	30285	Plate
32	32291	Rubber Bumper	78	32253	Latch
33	120691	*No. 10-24x1 1/4" Rd. Hd. Sc.	79	9413447	*5/16"-18 Center Lock Nut
34	457509	No. 10-24 Lock Nut	80	30216	Glove Box Lid
35	30376	End Cap R.H.	81	126211	5/16"-18x5/8" Carriage Bolt
36	30377	End Cap L.H.	82	446363	*5/16" Washer
37	30233	Snap (Male Half)	83	134244	*No. 8-32x1 1/4" Screw
38	30276	1/8" Pop Rivet	84	457514	*No. 8-32 Nut
39	30223	Seat Bottom	85	30283	Pad
40	32331	Clutch Guard	86	30218	Head Lamp
41	32511	Spring Plate	87	30214	Windshield
42	120221	*No. 10-24x1 1/2" Rd. Hd. Sc.	88	32508	Bumper
43	30173	Hand Rail	89	32537	Bumper Support Plate
44	30222	Seat Back	90	27522	5/16"-18 Curved Hd. Bolt
45	32227	Seat Back Tube	91	30250	Windshield Trim Strip
46	32228	Kickstand Tube			

## FIGURE 1 PARTS LIST FOR MODEL 58120300

All parts are the same as Model 58110200 except the following:			86	†31401	Head Lamp Assembly
3	†32346	Hood Access Lid	91	†32339	Receptacle
12	30316	Hood Assembly	92	†32338	Nut (Access Receptacle)
50	†32342	Seat Back & Pouch Assembly	Numbers 1, 2 and 47 are not used.		
			†Also apply to Models 58140000 and 58150000		

## FIGURE 1 PARTS LIST FOR MODELS 58140000 AND 58150000

All parts are the same as Model 58120300 except the following:			15	32361	Main Frame Assembly
12	32351	Hood Assembly	39	32347	Seat Bottom

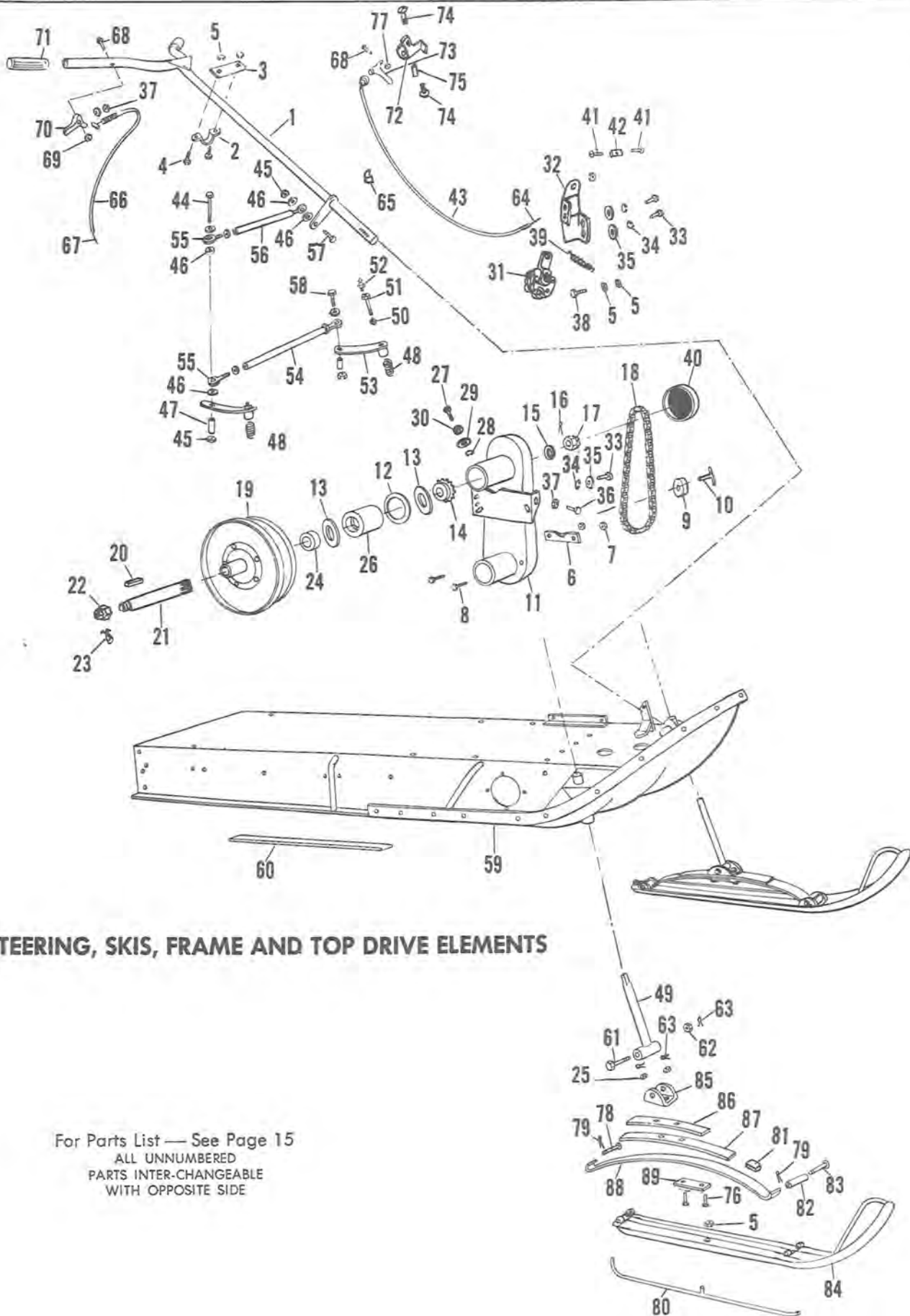
\*Standard Hardware Items May Be Purchased Locally

For Illustration See Page 12

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.

# AMF SKI-DADDLER SNOWMOBILE



## STEERING, SKIS, FRAME AND TOP DRIVE ELEMENTS

For Parts List — See Page 15  
 ALL UNNUMBERED  
 PARTS INTER-CHANGEABLE  
 WITH OPPOSITE SIDE

**FIGURE 2**

# AMF SKI-DADDLER SNOWMOBILE MODELS 58110200, 58120300, 58140000 & 58150000

## FIGURE 2 PARTS LIST FOR MODEL 58110200

Key No.	Part No.	Description	Key No.	Part No.	Description
1	30206	Steering Column Assembly	46	21777	Spacer
2	24054	Bracket	47	30251	Spacer
3	30211	Plate	48	30149	Spring
4	121893	*1/4"-20x7/8" Hex Hd. Sc.	49	30124	Spindle
5	997314	*1/4"-20 Lock Nut	50	120383	*7/16" Washer
6	32336	Lower Strap	51	30117	Spindle Bolt
7	9413447	*5/16"-18 Lock Nut	52	706	Grease Fitting
8	995354	*5/16"-18x1 1/4" Hex Hd. Sc.	53	30060	Spindle Arm
9	32182	Oil Plug	54	29959	Tie Rod
10	32245	Handle Assembly	55	30081	Rod End Bearing
11	32515	Chain Housing	56	30196	Drag Link
12	30184	"O" Ring	57	181643	3/8"-24x1 1/2" Hex Hd. Sc.
13	8290	Bearing	58	181650	3/8"-24x2 1/2" Hex Hd. Sc.
14	30018	9 Tooth Sprocket	59	32318	Main Frame Assembly
15	32327	Wave Washer	60	30228	Foot Pad
16	121224	*3/32"x1" Cotter Pin	61	32703	3/8"-24 Slotted Nut
17	32700	1/2"-20 Castle Nut	62	995224	3/8"-24 Nut
18	30159	Chain	63	121222	3/32"x3/4" Cotter Pin
19	32559	Driven Clutch	64	32293	Brake Cable
20	24173	3/16"x2" Sq. Key	65	32286	Clip
21	32558	Clutch Shaft	66	30284	Throttle Housing
22	8692	3/4"-16 Castle Nut	67	30202	Throttle Cable
23	137214	*1/8"x1 3/4" Cotter Pin	68	142443	No. 10-32x1 3/8" Truss Hd. Sc.
24	30236	Oil Seal	69	457507	*No. 10-32 Nut
25	995224	3/8"-24 Castle Hex Nut	70	30212	Lever
26	30006	Cam	71	28416	Hand Grip
27	122145	*3/8"-16x1 1/4" Hex Hd. Sc.	72	32186	Clamp
28	120832	*3/8" Lock Washer	73	32187	Thumb Lever
29	274517	*3/4" Flat Washer	74	445938	No. 6-32x3/8" Truss Hd. Sc.
30	120377	*3/8"-16 Hex Nut	75	32188	Spacer
31	32326	Disc Brake	76	995365	*3/8"-24x1 1/4" Hex Hd. Sc.
32	32562	Brake Mount	77	997319	*No. 10-32 Lock Nut
33	122007	*5/16"-18x3/4" Hex Hd. Sc.	78	32174	Pivot Pin
34	120638	*5/16" Lock Washer	79	144518	Cotter Pin
35	456145	*5/16" Flat Washer	80	32542	Wear Rod Assembly
36	32266	3/8"-24x3" Hex Hd. Sc.	81	30247	Pad
37	124925	*3/8"-24 Jam Nut	82	8441	Roller
38	121913	*1/4"-20x1 1/4" Hex Hd. Sc.	83	28762	Pivot Pin
39	24347	Spring	84	32623	Ski Assembly
40	30077	Oil Seal	85	28769	Spring Mounting Bracket
41	995339	*No. 8-32x3/8" Screw	86	28766	Leaf Spring
42	25188	Swivel Button	87	29645	Middle Spring Leaf
43	32294	Brake Housing	88	28770	Main Spring Leaf
44	181652	3/8"-24x3" Hex Hd. Sc.	89	28764	Spring Plate
45	9415106	*3/8"-24 Nut			

## FIGURE 2 PARTS LIST FOR MODEL 58120300

All parts are the same as Model 58110200 except the following:			66	32292	Throttle Housing
1	32240	Steering Column Assembly	67	32490	Throttle Control Cable
			Numbers 69 and 70 are not used		

## FIGURE 2 PARTS LIST FOR MODEL 58140000

All parts are the same as Model 58120300 except the following:			14	32370	10 Tooth Sprocket
1	32240	Steering Column Assembly	18	33141	Chain
			59	32361	Main Frame Assembly

## FIGURE 2 PARTS LIST FOR MODEL 58150000

All parts are the same as Model 58120300 except the following:			18	32715	Chain
1	32385	Steering Column Assembly	19	32704	Driven Clutch
14	32713	18 Tooth Sprocket	32	32578	Brake Mount
			59	32361	Main Frame Assembly

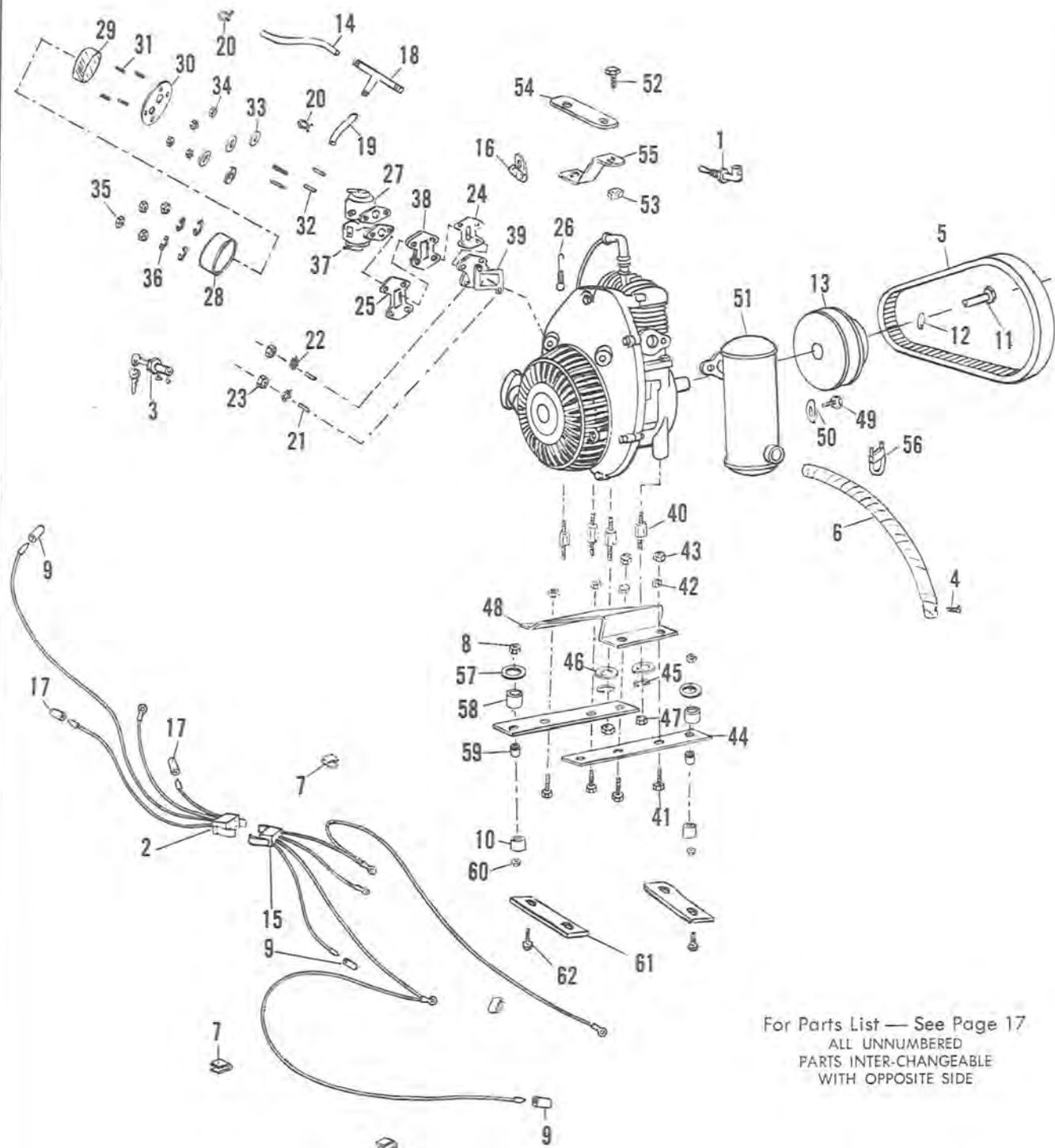
\*Standard Hardware Items May Be Purchased Locally

For Illustration See Page 14

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.

# AMF SKI-DADDLER SNOWMOBILE



For Parts List — See Page 17  
 ALL UNNUMBERED  
 PARTS INTER-CHANGEABLE  
 WITH OPPOSITE SIDE

## ENGINE, ELECTRICAL AND FUEL ELEMENTS

FIGURE 3



# AMF SKI-DADDLER SNOWMOBILE

## FIGURE 3 PARTS LIST FOR MODEL 58110200

Key No.	Part No.	Description	Key No.	Part No.	Description
1	29073	Light Switch	32	30304	Stud
2	30367	Wiring Harness	33	29914	Washer
3	28872	Key Switch	34	120375	*1/4"-20 Lock Nut
4	999101	*No. 10-32x3/8" Screw	35	995245	*No. 10-32 Hex Nut
5	32566	Variable Speed Belt	36	120217	No. 10 Lock Washer
6	30205	Exhaust Pipe	37	30109	HL-210 Carburetor
7	30389	Wiring Clip	38	30122	Insulator Block
8	9415106	*3/8"-24 Nut	39	30160	Manifold
9	29677	Connector	40	30170	Stud
10	30063	Pad	41	180079	5/16"-18x1" Hex Hd. Sc.
11	32561	Clutch Adapter Bolt	42	9415988	*5/16"-18 Lock Nut
12	125793	13/16" Lock Washer	43	124824	*5/16"-18 Jam Nut
13	32560	Clutch	44	30201	Mounting Strap
14	30307	6 1/2" Fuel Line	45	120382	*3/8" Lock Washer
15	30366	Wiring Harness	46	274517	*3/8"x3/4"x1/16" Flat Washer
16	2791	Clip	47	9416107	*3/8"-16 Lock Nut
17	29678	Terminal	48	32307	Mount Plate
18	30309	Tee	49	995360	Special Screw
19	30308	1 1/2" Fuel Line	50	446188	*1/4" Flat Washer
20	30489	Hose Clamp	51	30388	Muffler
21	30305	Stud	52	121920	*1/4"-20x1 3/8" Screw
22	138485	*5/16" Shakeproof Washer	53	9413314	*1/4"-20 Lock Nut
23	120376	*5/16"-18 Nut	54	30948	Bracket
24	30303	Gasket (Inside)	55	30294	Bracket
25	30175	Gasket (Outside)	56	32534	Clamp
26	24347	Spring	57	32535	Washer
27	30108	HL-209 Carburetor	58	32699	Pad
28	30177	Air Cleaner	59	32528	Bushing
29	30176	Screen	60	32532	*3/8"-24 Nut
30	30179	Plate	61	32530	Mounting Plate
31	30181	Stud	62	998045	3/8"-24 x 1 3/4" Special Screw

## FIGURE 3 PARTS LIST FOR MODEL 58120300

All parts are the same as Model 58110200 except the following:			52	121913	1/4"-20x1 1/4" Hex Hd. Sc.
27	30110	Carburetor (HR)	55	30310	Bracket
28	30430	Air Cleaner	Numbers 14, 18, 19, 20, 21, 23, 24, 25, 26, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 54 & 55 are not used.		
31	420991	1/4"-20x1 1/2" Screw			

\*Standard Hardware Items May Be Purchased Locally

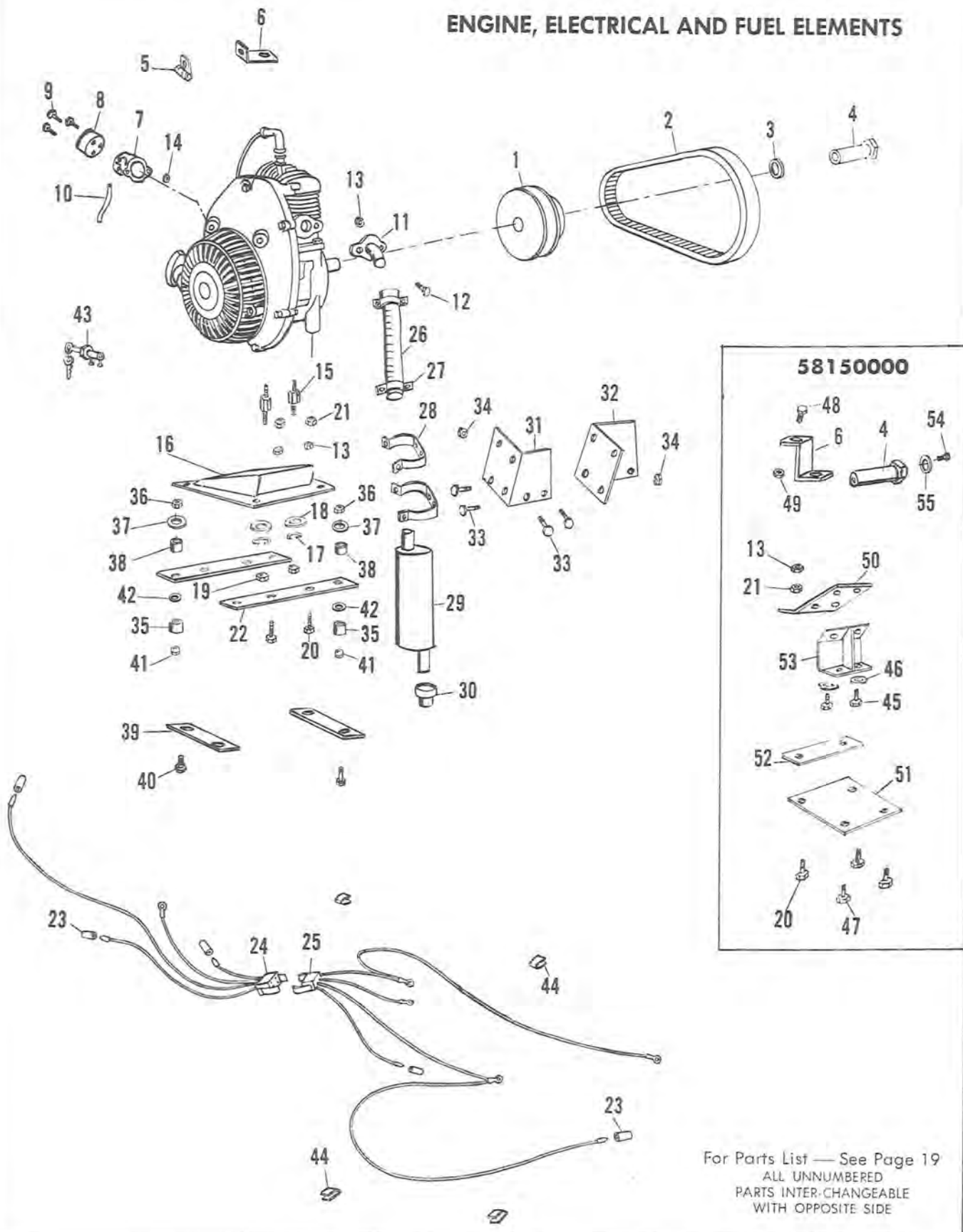
For Illustration See Page 16

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.

# AMF SKI-DADDLER SNOWMOBILE

## ENGINE, ELECTRICAL AND FUEL ELEMENTS



**FIGURE 3**

# AMF SKI-DADDLER SNOWMOBILE

## FIGURE 3 PARTS LIST FOR MODEL 58140000

Key No.	Part No.	Description	Key No.	Part No.	Description
1	32560	Driving Clutch	23	29677	Connector
2	32566	Variable Speed Belt	24	30366	Wiring Harness (Rear)
3	125793	Washer (Driving Clutch)	25	30367	Wiring Harness (Hood)
4	32561	Clutch Adapter Bolt	26	32586	Exhaust Tube
5	2791	Clip	27	32588	Tube Clamp
6	32615	Throttle Wire Bracket	28	32585	Band Assembly
7	30111	Carburetor (HD-6B or 6BX)	29	32380	Muffler
8	32357	Air Cleaner	30	32589	Outlet Cap
9	420991	1/4"-20x1/2" Rd. Hd. Sc.	31	32583	Front Muffler Bracket
10	32354	Fuel Line 6"	32	32584	Rear Muffler Bracket
11	32590	Engine Exhaust Pipe	33	122007	*5/16"-18x3/4" Hex Hd. Sc.
12	180080	5/16"-18x1 1/8" Sc.	34	9413447	*5/16"-18 Lock Nut
13	9415988	*5/16"-18 Lock Nut	35	30063	Pad
14	138489	*3/8" Washer	36	9415106	*3/8"-24 Nut
15	30170	Engine Base Stud	37	32535	Washer
16	32355	Engine Base	38	32699	Pad
17	120382	*3/8" Lock Washer	39	32530	Mounting Plate
18	274517	*3/8" Flat Washer	40	998045	3/8"-24 x 1 3/4" Special Screw
19	9416107	*3/4"-16 Lock Nut	41	32532	*3/8"-24 x Nut
20	180079	5/16"-18x1" Screw	42	32528	Bushing
21	124824	*5/16"-18 Jam Nut	43	32196	Key Start Switch
22	30201	Mounting Strap	44	30389	Wiring Clip

## FIGURE 3 PARTS LIST FOR MODEL 58150000

All parts are the same as Model 58140000 except the following:			45	31756	Engine Base Bolt
1	32564	Driving Clutch	46	120384	*1/2" Lock Washer
2	32608	Variable Speed Belt	47	181613	5/16"-24 x 1 3/8" Hex Hd. Sc.
3	32568	Clutch Spacer	48	121913	*1/4"-20 x 1 1/2" Hex Hd. Sc.
4	32565	Clutch Adapter Bolt	49	9413314	*1/4"-20 Lock Nut
6	30310	Throttle Wire Bracket	50	32379	Engine Base Plate (Top)
11	32591	Engine Exhaust Pipe	51	32378	Engine Base Plate (Bottom)
13	9415990	*5/16"-24 Lock Nut	52	32377	Engine Base Spacer Bar
20	181618	5/16"-24 x 1 3/4" Hex Hd. Sc.	53	32369	Engine Base Channel Assemb
21	124920	*5/16"-24 Jam Nut	54	181696	1/2"-20 x 1" Hex Hd. Sc.
			55	138545	*1/2" Flat Washer

Numbers 12, 13, 15, 16, 17, 18, 19 and 20 are not used.

\*Standard Hardware Items May Be Purchased Locally

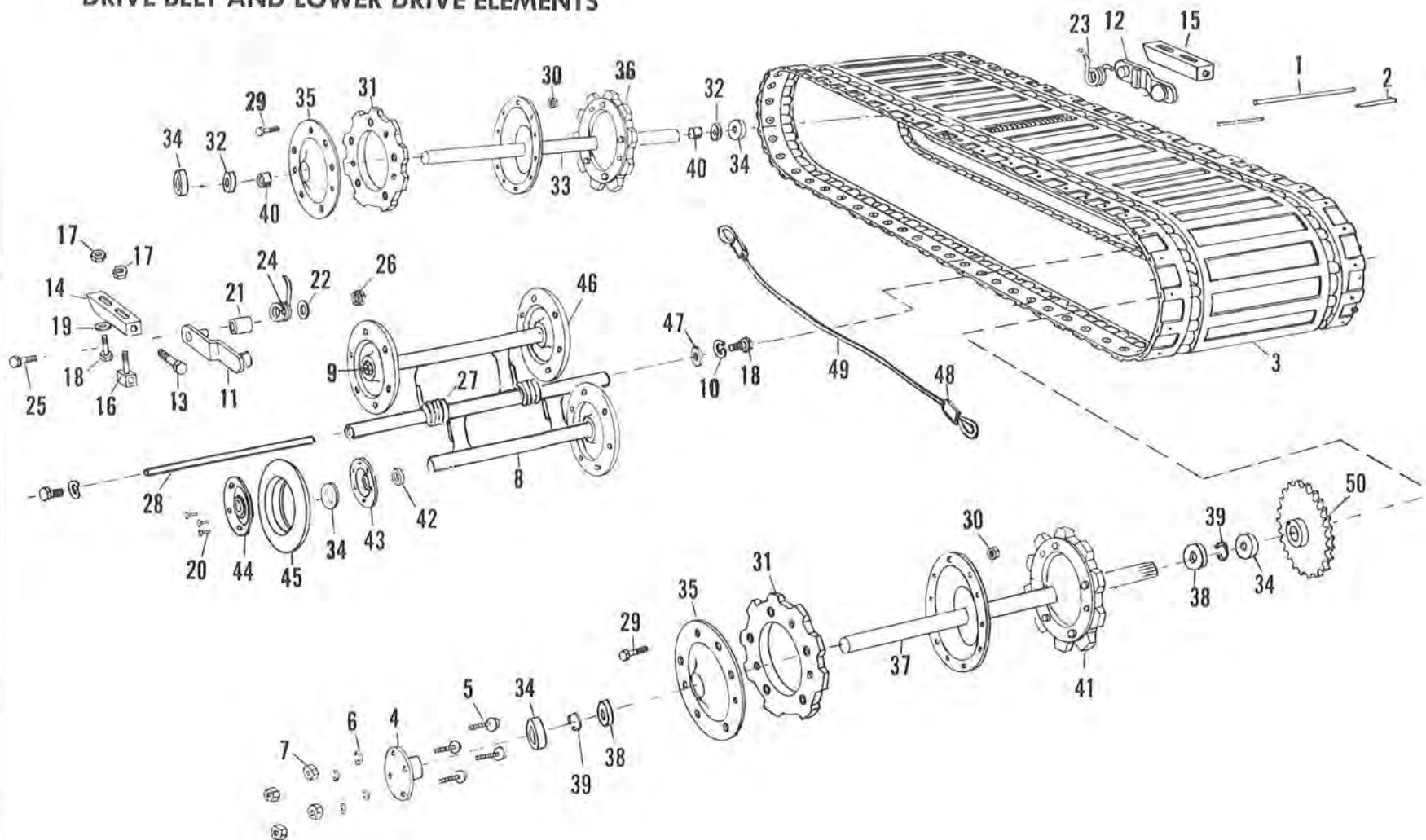
For Illustration See Page 18

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.

# AMF SKI-DADDLER SNOWMOBILE

## DRIVE BELT AND LOWER DRIVE ELEMENTS



For Parts List — See Page 21  
 ALL UNNUMBERED  
 PARTS INTER-CHANGEABLE  
 WITH OPPOSITE SIDE

FIGURE 3



# AMF SKI-DADDLER SNOWMOBILE

## FIGURE 4 PARTS LIST FOR MODEL 58110200

Key No.	Part No.	Description	Key No.	Part No.	Description
1	30668	Long Hinge Wire	30	997316	*No. 10-24 Center Lock Nut
2	30620	Short Hinge Wire	31	29945	9-Tooth Sprocket
3	31462	Belt Assembly	32	30079	Grease Seal
4	30231	Bearing Retainer	33	32170	Shaft Assembly
5	126211	*5/16"-18 x 5/8" Bolt	34	30080	Bearing
6	120638	*5/16" Lock Washer	35	29955	Plate
7	9413447	*5/16"-18 Lock Nut	36	32169	Rear Sprocket Assy. Complete Consists of (29-30-31-32-33-34-35)
8	32223	Support Assembly	37	30001	Drive Assembly
9	706	Grease Fitting	38	30078	Oil Seal
10	138485	*5/16" Shakeproof Washer	39	30145	Spring
11	32262	Rear Support Arm R.H.	40	30611	Plug
12	32263	Rear Support Arm L.H.	41	30198	Drive Sprocket Assy. Complete Consists of (29-30-31-34-35-37-38-39)
13	32266	3/8"-24 x 3/4" Screw	42	30058	Cupped Plug
14	32256	Belt Adjustment R.H.	43	29953	Wheel Half (Inner)
15	32257	Belt Adjustment L.H.	44	29954	Wheel Half (Outer)
16	32265	Adjusting Block	45	29942	Boggie Tire
17	9414072	*5/16"-24 Lock Nut	46	32226	Boggie Wheel and Support Assembly Complete Consists of (27-28-34-43-44-45-46-48)
18	181595	5/16"-24 x 3/4" Screw	47	120394	*3/8" Wrought Washer
19	456145	*5/16" Flat Washer	48	32702	Clip
20	995809	Rivet	49	32701	Rope
21	32264	Spacer	50	32712	35 Tooth Sprocket
22	32237	Retainer			
23	32235	Rear Torsion Spring L.H.			
24	32236	Rear Torsion Spring R.H.			
25	181649	3/8"-24 x 2 1/4" Screw			
26	9415106	*3/8"-24 Lock Nut			
27	32225	Spring			
28	29943	Shaft			
29	120222	*No. 10-24 x 5/8" Rd. Hd. Sc.			

## FIGURE 4 PARTS LIST FOR MODELS 58120300, 58140000 AND 58150000

All parts are the same as Model 58110200 except the following:			41	32194	Drive Sprocket Assembly Complete Consists of (29-30-31-34-35-37-38-39)
37	32193	Drive Assembly			

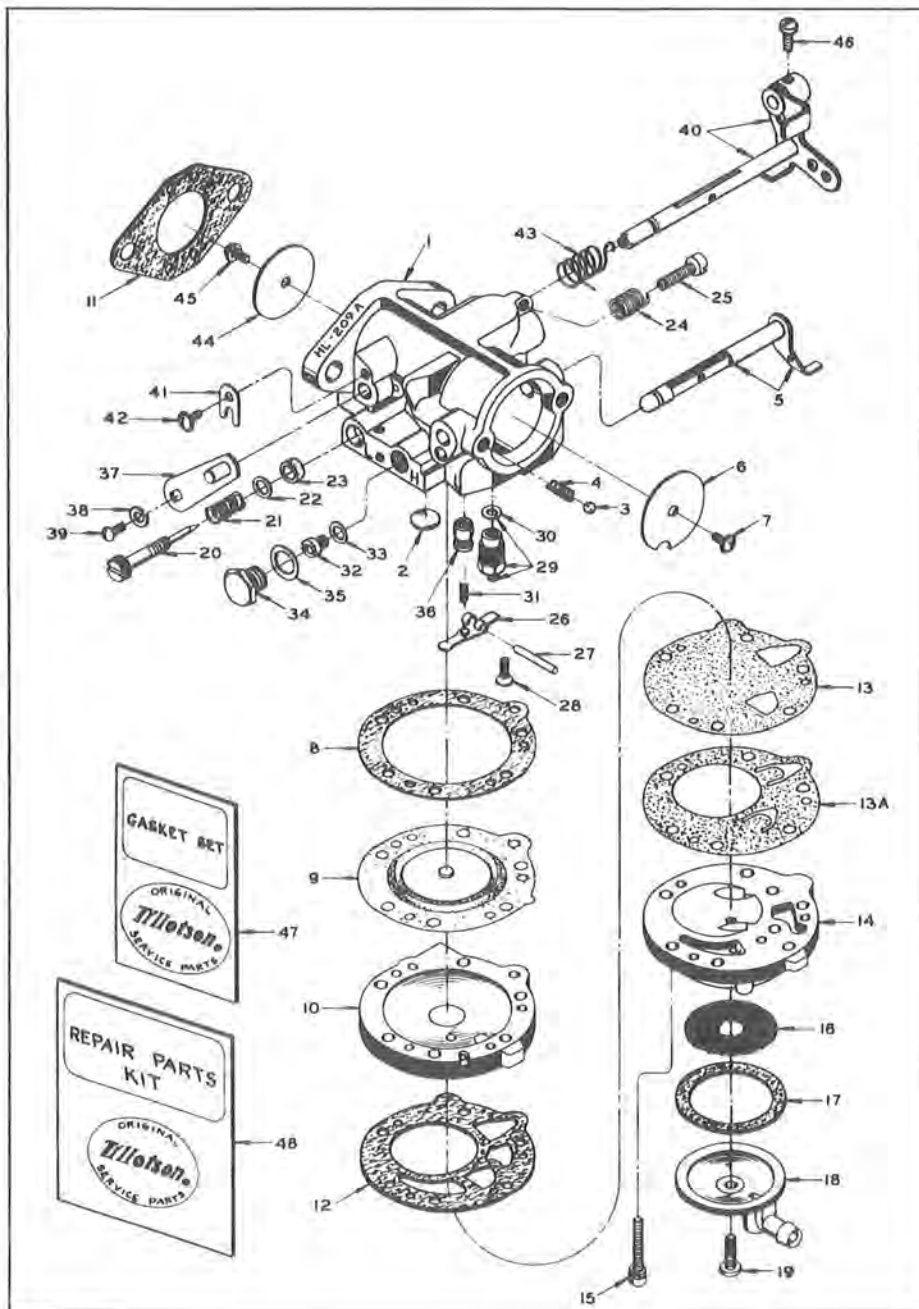
\*Standard Hardware Items May Be Purchased Locally

For Illustration See Page 20

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.

# CARBURETOR 5811

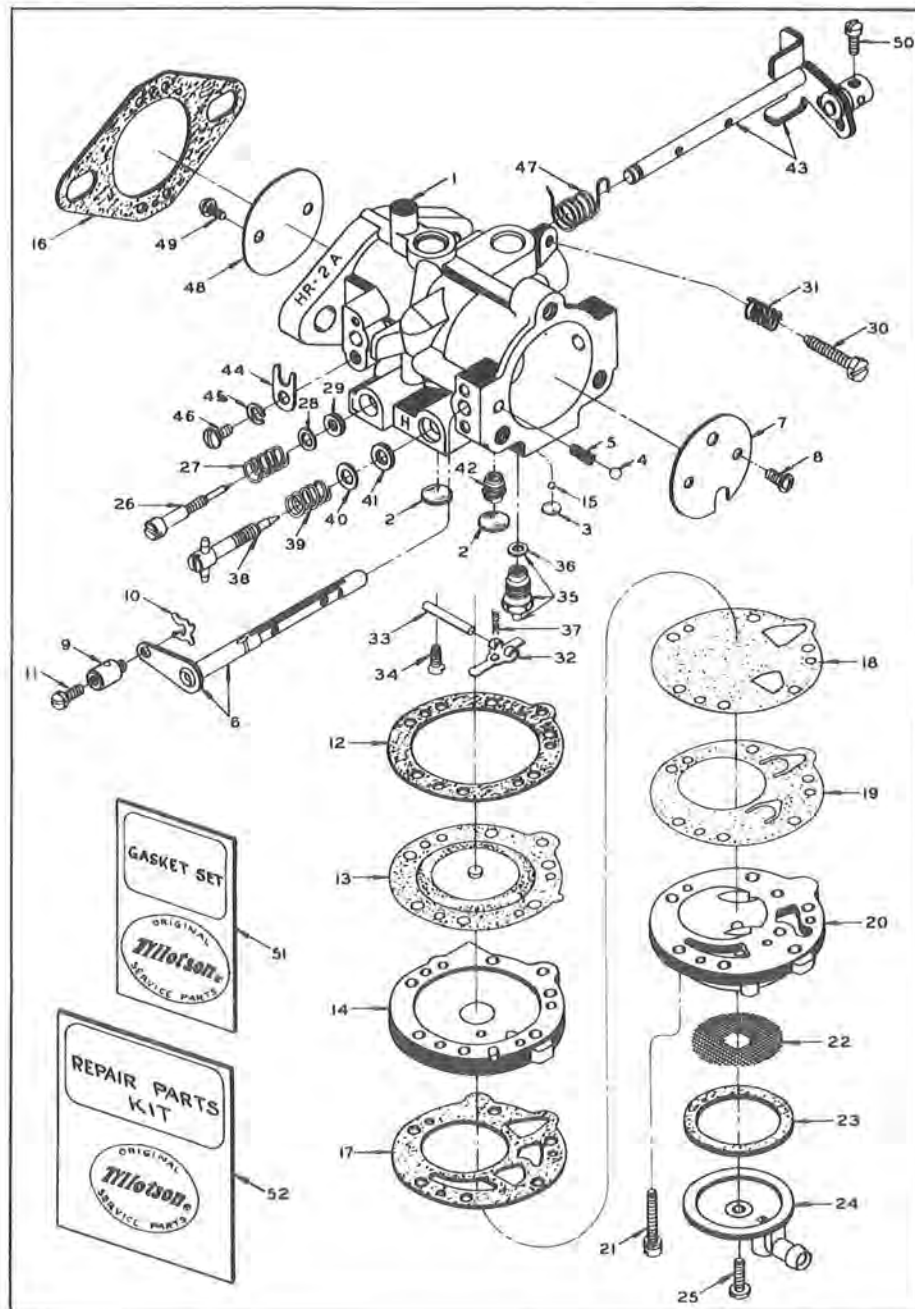


Ref. No.	HL-209A Part No.	Part Name
1	014009	Body (Service)
2	02531	* Body Channel Welch Plug
3	04784	Choke Friction Ball
4	08805	Choke Friction Spring
5	014002	Choke Shaft & Lever
6	013547	Choke Shutter
7	08942	Choke Shutter Screw & Lockwasher
8	012473	Diaphragm Gasket
9	012475	* Diaphragm
10	013549	Diaphragm Cover
11	012354	Flange Gasket
12	012930	Fuel Pump Gasket
13	014230	* Fuel Pump Diaphragm (Pulse)
13A	014229	* Fuel Pump Diaphragm (Valve)
14	013335	Fuel Pump Body
15	010098	Fuel Pump Body Screw & Lockwasher
16	010530	* Fuel Strainer Screen
17	010529	Fuel Strainer Cover Gasket
18	010527	Fuel Strainer Cover
19	010571	* Fuel Strainer Cover Ret. Screw
20	011498	* Idle Mixture Screw
21	08793	* Idle Mixture Screw Spring
22	011428	Idle Mixture Screw Washer
23	011401	Idle Mixture Screw Packing
24	05095	* Idle Speed Screw
25	0788	* Idle Speed Screw Spring
26	010513	* Inlet Control Lever
27	013406	* Inlet Control Lever Fulcrum Pin
28	013269	* Inlet Control Lever Fulcrum Pin Ret. Screw
29	013546	* Inlet Needle, Seat & Gasket
30	010165	Inlet Seat Gasket
31	011503	* Inlet Tension Spring
32	013138	* Main Fuel Jet (.036)
33	06076	Main Fuel Jet Gasket
34	0675	Main Fuel Jet Plug Screw
35	013094	Main Fuel Jet Plug Screw Gasket
36	012510	Nozzle Check Valve
37	014007	Throttle Lever Assembly
38	06393	* Throttle Lever Ret. Lockwasher
39	06396	* Throttle Lever Ret. Screw
40	014005	Throttle Shaft & Lever
41	013219	Throttle Shaft Clip
42	010280	Throttle Shaft Clip Ret. Screw
43	013998	* Throttle Shaft Return Spring
44	013534	Throttle Shutter
45	08942	* Throttle Shutter Screw & Lockwasher
46	012305	* Throttle Wire Ret. Screw
47	GS-180	* Gasket & Packing Set
48	RK-690	Repair Parts Kit

(\*) Indicates contents of Repair Parts Kit

NOTICE: Parts listed on this page available from--Tillotson Mfg. Co.-- Parts & Service Division--761-69 Berdan Ave.--Toledo, Ohio-- or through any Authorized Tillotson Service outlet.

# CARBURETOR 5812

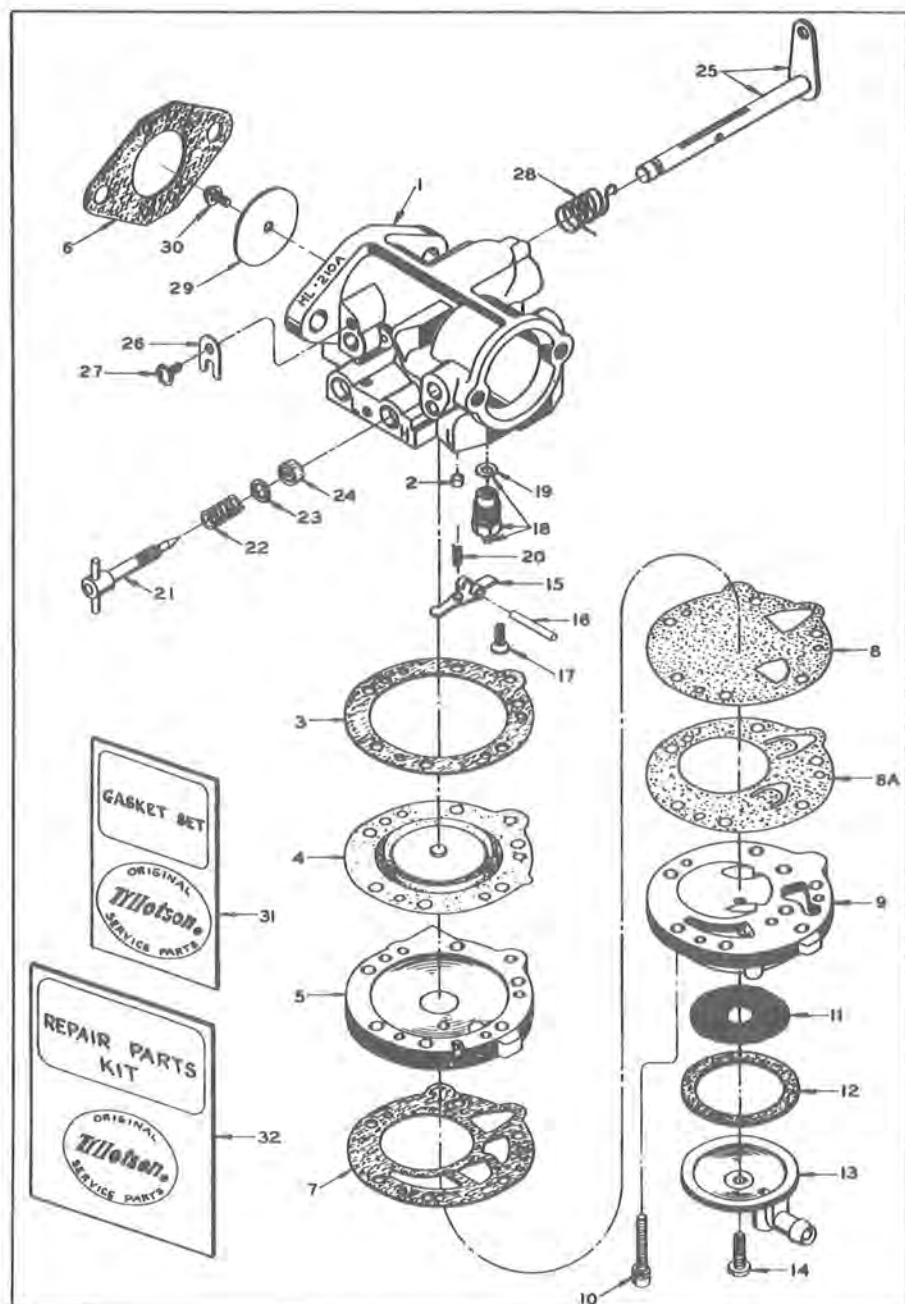


No.	Part No. HR-2A	Part Name
1	014385	Body (Service)
2	02531	* Body Channel Welch Plug (2)
3	013737	* Body Channel Welch Plug
4	04784	Choke Friction Ball
5	08805	Choke Friction Spring
6	014359	Choke Shaft & Lever
7	014356	Choke Shutter
8	08942	Choke Shutter Screw & Lockwasher (2)
9	010393	Choke Wire Connection
10	010392	Choke Wire Connection Ret. Clip
11	058	* Choke Wire Ret. Screw
12	012473	Diaphragm Gasket
13	012475	* Diaphragm
14	013228	Diaphragm Cover
15	05322	Economiser Check Ball
16	014319	Flange Gasket
17	012930	Fuel Pump Gasket
18	014230	* Fuel Pump Diaphragm (Pulse)
19	014229	* Fuel Pump Diaphragm (Valve)
20	013335	Fuel Pump Body
21	010098	Fuel Pump Body Screw & Lockwasher (6)
22	010530	* Fuel Strainer Screen
23	010529	Fuel Strainer Cover Gasket
24	010527	Fuel Strainer Cover
25	010571	* Fuel Strainer Cover Ret. Screw
26	014321	* Idle Mixture Screw
27	08793	* Idle Mixture Screw Spring
28	011428	Idle Mixture Screw Washer
29	011401	Idle Mixture Screw Packing
30	014326	* Idle Speed Screw
31	0788	* Idle Speed Screw Spring
32	010513	* Inlet Control Lever
33	013406	* Inlet Control Lever Fulcrum Pin
34	013269	* Inlet Control Lever Fulcrum Pin Ret. Screw
35	013546	* Inlet Needle, Seat & Gasket
36	010165	Inlet Seat Gasket
37	013434	* Inlet Tension Spring
38	014323	* High Speed Mixture Screw
39	011103	* High Speed Mixture Screw Spring
40	03114	High Speed Mixture Screw Washer
41	010511	High Speed Mixture Screw Packing
42	014334	* Nozzle Check Valve
43	014361	Throttle Shaft & Lever
44	09678	Throttle Shaft Clip
45	0992	Throttle Shaft Clip Lockwasher
46	01974	Throttle Shaft Clip Ret. Screw
47	014324	* Throttle Shaft Return Spring
48	014320	Throttle Shutter
49	08942	* Throttle Shutter Screw & Lockwasher (2)
50	012305	* Throttle Wire Ret. Screw
51	GS-199	* Gasket & Packing Set
52	RK-756	Repair Parts Kit

(\* ) Indicates contents of Repair Parts Kit

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Parts & Service Division--761-69 Berdan Ave.--Toledo, Ohio-- or through  
any Authorized Tillotson Service outlet.

# CARBURETOR 5811



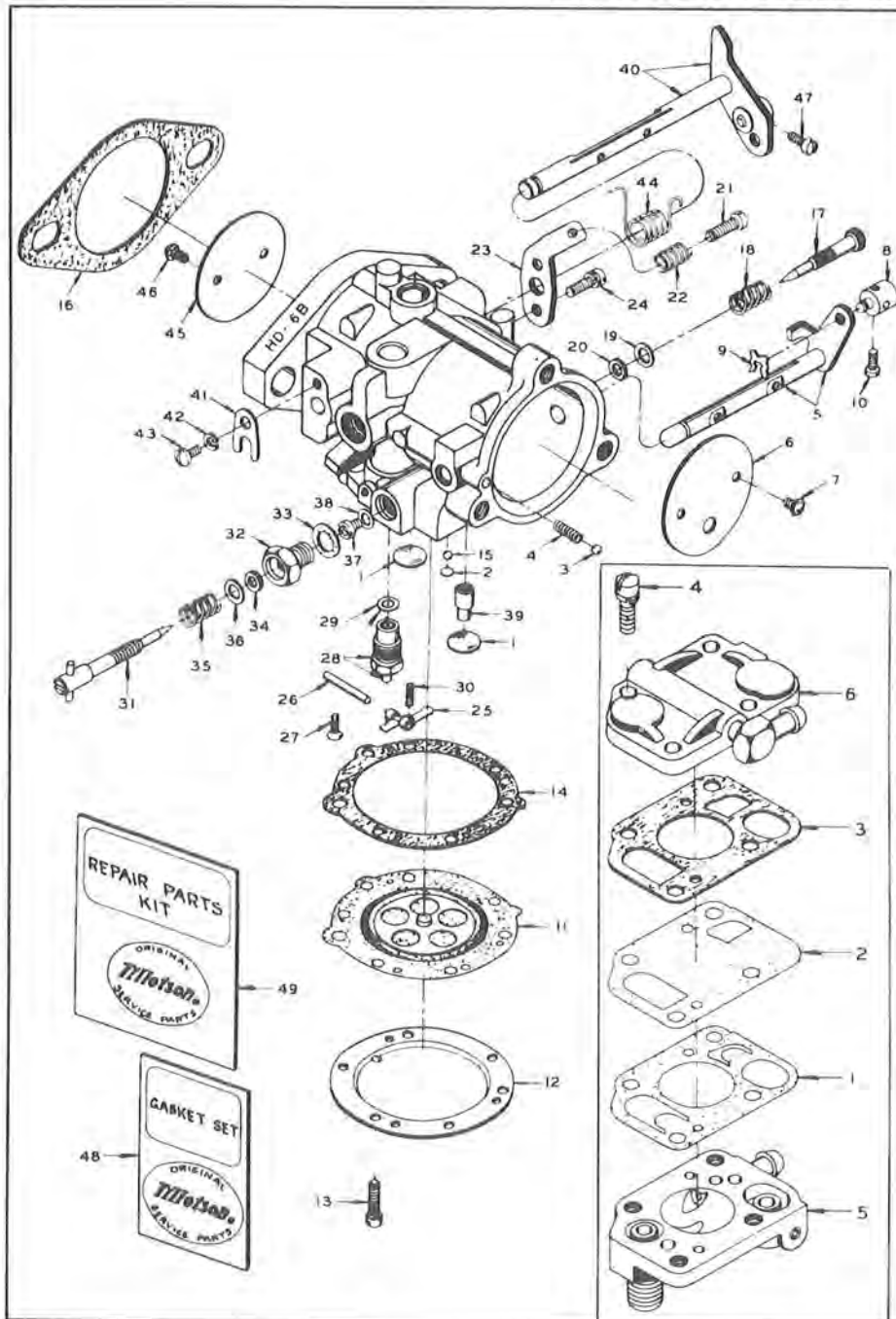
Ref. No.	HL-210A Part No.	Part Name
1	014014	Body (Service)
2	010588	* Body Channel Cup Plug
3	012473	Diaphragm Gasket
4	012475	* Diaphragm
5	013549	Diaphragm Cover
6	012354	Flange Gasket
7	012930	Fuel Pump Gasket
8	014230	* Fuel Pump Diaphragm (Pulse)
8A	014229	* Fuel Pump Diaphragm (Valve)
9	013335	Fuel Pump Body
10	010098	Fuel Pump Body Screw & Lockwasher
11	010530	* Fuel Strainer Screen
12	010529	Fuel Strainer Cover Gasket
13	010527	Fuel Strainer Cover
14	010571	* Fuel Strainer Cover Ret. Screw
15	010513	* Inlet Control Lever
16	013406	* Inlet Control Lever Fulcrum Pin
17	013269	* Inlet Control Lever Fulcrum Pin Ret. Screw
18	013546	* Inlet Needle, Seat & Gasket
19	010165	Inlet Seat Gasket
20	011503	* Inlet Tension Spring
21	012225	* High Speed Mixture Screw
22	08793	* High Speed Mixture Screw Spring
23	011428	High Speed Mixture Screw Washer
24	011401	High Speed Mixture Screw Packing
25	014012	Throttle Shaft & Lever
26	013219	Throttle Shaft Clip
27	010280	Throttle Shaft Clip Ret. Screw
28	013998	* Throttle Shaft Return Spring
29	014013	Throttle Shutter
30	08942	* Throttle Shutter Screw & Lockwasher
31	GS-158	* Gasket & Packing Set
32	RK-691	Repair Parts Kit

(\* ) Indicates contents of Repair Parts Kit

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# CARBURETOR—MODELS 5814 AND 5815



Ref. No.	HD-6B Part No.	HD-6BX Part No.	Part Name
1	04326	04326	* Body Channel Welch Plug (2)
2	013737	013737	* Body Channel Welch Plug
3	04784	04784	Choke Friction Ball
4	08805	08805	Choke Friction Spring
5	014676	014676	Choke Shaft & Lever
6	014232	014232	Choke Shutter
7	08942	08942	Choke Shutter Screw (2)
8	014675	014675	Choke Wire Connection
9	010392	010392	Choke Wire Connection Ret. Clip
10	058	058	* Choke Wire Ret. Screw
11	014248	014248	* Diaphragm
12	014249	014249	Diaphragm Cover
13	014142	014142	Diaphragm Cover Ret. Screw (6)
14	014120	014120	Diaphragm Gasket
15	05322	05322	Economiser Check Ball
16	08304	08304	Flange Gasket
17	013772	013772	* Idle Mixture Screw
18	011103	011103	* Idle Mixture Screw Spring
19	03114	03114	Idle Mixture Screw Washer
20	010511	010511	Idle Mixture Screw Packing
21	05095	05095	* Idle Speed Screw
22	0788	0788	* Idle Speed Screw Spring
23	014349	014349	Idle Speed Screw Bracket
24	014142	014142	Idle Speed Bracket Ret. Screw (2)
25	010513	010513	* Inlet Control Lever
26	013406	013406	* Inlet Control Lever Pin
27	013269	013269	* Inlet Control Lever Pin Ret. Screw
28	014632	014632	* Inlet Needle, Seat & Gasket
29	013744	013744	Inlet Seat Gasket
30	011503	011503	* Inlet Tension Spring
31	014247	014247	* High Speed Mixture Screw
32	013853	013853	High Speed Mixture Screw Gland
33	0676	0676	High Speed Mixture Screw Gland Gasket
34	010511	010511	High Speed Mixture Screw Packing
35	011103	011103	* High Speed Mixture Screw Spring
36	03114	03114	High Speed Mixture Screw Washer
37	----	014313	* Main Fuel Jet (.089)
38	014246	----	* Main Fuel Jet (.120)
39	013683	013683	Main Fuel Jet Gasket
40	014578	014578	Nozzle Check Valve
41	014355	014355	Throttle Shaft & Lever
42	014118	014118	Throttle Shaft Clip
43	0992	0992	Throttle Shaft Clip Lockwasher
44	01974	01974	Throttle Shaft Clip Ret. Screw
45	014348	014348	* Throttle Shaft Return Spring
46	013745	013745	Throttle Shutter
47	08942	08942	* Throttle Shutter Screw (2)
48	058	058	* Throttle Wire Connection Screw
49	GS-205	GS-205	* Gasket & Packing Set
49	RK-810	----	Repair Parts Kit
49	----	RK-819	Repair Parts Kit
1	014220		Diaphragm (Valve)
2	014221		Diaphragm
3	013721		Gasket
4	08315		Screw (4)
5	014200		Pump Body
6	014363		Pump Cover

(\* ) Indicates contents of Repair Parts Kit

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# WARRANTY FLAT RATE LABOR SCHEDULE

MODELS 5811 - 5812 - 5814 - 5815

1. Remove and replace chain case assembly	3 Hours
2. Remove and replace chain case bearings	1 Hour
3. Remove and replace chain	3½ Hours
4. Remove and replace driven clutch	1 Hour
5. Remove and replace driving clutch	½ Hour
6. Remove and replace engine mount and/or strap	1 Hour
7. Remove and replace drive shaft or bearings	4 Hours
8. Remove and replace traction belt (spliced)	1½ Hours
9. Remove and replace traction belt (endless)	5 Hours
10. Remove and replace idler shaft assembly or bearing	1 Hour
11. Remove and replace rear support arms (2)	1 Hour
12. Remove and replace fuel tank	5 Hours
13. Remove and replace rear seat support	1 Hour
14. Remove and replace hood	2 Hours
15. Remove and replace throttle cable	¼ Hour
16. Remove and replace brake	¼ Hour
17. Remove and replace boggie support and/or bearing	½ Hour
18. Remove and replace steering spindle	½ Hour

**MODEL 790 DRIVE PULLEY**  
**MODELS 5811, 5812, 5814**  
**ASSEMBLY NO. 32560**

Drive Pulley, Complete  
JLO 292 Taper Bore

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	37967	FIXED FACE AND HUB ASSEMBLY	1	6	37615	DRIVE PLATE AND PIN ASSEMBLY	1
2	37626	KIT, Movable face and roller arm	1	7	37630	RAMP PLATE	1
3	37627	KIT, Pins, clips and springs	1	8		SCREW (Part of Kit No. 37968)	3
4	37628	KIT, Roller weights and pins	1	9		WASHER (Part of Kit No. 37968)	3
5	37629	BUMPER	3	10	37916	RING, Retaining	1

**MODEL 880 DRIVE PULLEY**  
**MODEL 5815—ASSEMBLY NO. 32564**

Drive Pulley, Complete JLO 372 Bore

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	37956	FIXED FACE, HUB AND BRG ASSY	1	6	37961	SPRING, Compression	1
2	37957	FIXED FACE, HUB AND BRG ASSY	1	7	37962	BEARING, Outboard slide	1
3	37958	IDLER TIRE	1	8	37911	MOVABLE FACE AND TORQUE CUP	1
4	37959	WASHER, Thrust	1	9	37963	BELL HOUSING ASSEMBLY	1
5	37960	BEARING, Cup	1		37916	REPLACEMENT KIT, Levers	1
6	37920	BEARING, Movable	1				

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.

**MODEL 790 DRIVEN PULLEY**  
**MODELS 5811, 5812, 5814**  
**ASSEMBLY NO. 32559**

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	1510740	CAPSCREW	3	6	1510745	SPRING, Red	1
2	1510741	FIXED FACE AND HUB ASSEMBLY	1	7	1510746	CUP, Spring, outer	1
3	1510742	MOVABLE FACE ASSEMBLY	1	8	1510747	WASHER, Shakeproof	3
4	1510743	CUP, Spring, inner	1	9	1510748	NUT, Hex	3
5	1510744	SPACER	3				

**MODEL 880 DRIVEN PULLEY**  
**MODEL 5815**  
**ASSEMBLY NO. 32704**

Driven Pulley  $\frac{3}{4}$ " bore

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	1510740	CAPSCREW	3	5	37964	SPRING	1
2	37921	FIXED FACE AND HUB ASSEMBLY	1	6	37965	SPRING, Cup	1
3	37922	MOVABLE FACE ASSEMBLY	1	7	1510747	WASHER, Shakeproof	3
4	1510744	SPACER	3	8	1510748	NUT, Hex	3

All prices subject to change without notice.

All replacement parts will be supplied in current production colors or in a neutral color.