

Service Training Manual

**Montego
Montego DLX
Monte Carlo 640
Monte Carlo 770
Monte Carlo 1000
Daytona 770
Daytona 1000**

TABLE OF CONTENTS

- 1. Welcome/Schedule**
- 2. Dealer Information**
- 3. Features and Specifications**
- 4. Engine Information**
- 5. Fuel System**
- 6. Electrical System**
- 7. Drive System**
- 8. Bulletins & Newsletters**
- 9. Setup and Predelivery Instructions**
- 10. Special Tool Catalog**

Welcome/
Schedule

Dealer
Information

Features and
Specifications

Engine
Information

Fuel
System

Electrical
System

Drive
System

Bulletins &
Newsletters

Setup and
Predelivery
Instructions

Special Tool
Catalog

DEALER INFORMATION

Dealer
Information

TABLE OF CONTENTS

1997 Warranty Policy	2-2
Customer Service Assistance	2-5
Service WATS Line Instructions	2-6
Understanding Arctic Cat Forms and Publications	2-7
Warranty Processing Checklist	2-17
Genuine Tigershark Parts & Accessories	2-18
Sharkmaster Program	2-21
Customer Service	2-25
Emergency Parts Policy	2-25
Part Number Quick Reference	2-26

1997 WARRANTY POLICY

I. Warranty

- A. One (1) year when sold and set up by an authorized Arctic Cat Tigershark dealer.
- B. Ninety (90) days if used for commercial purposes.
- C. Transferable within a 1-year period from the original date of purchase.
- D. Covers parts and labor.
- E. Thirty (30) days for accessories.
- F. Thirty (30) days for service parts or until the watercraft warranty expires, when installed by an authorized dealer.
- G. Full battery warranty for the first six (6) months; then 50% for the next six (6) months.
- H. Ninety (90) days on Sharkwear clothing.

II. Warranty Covers Entire Watercraft Except:

- A. Filters.
- B. Impeller.
- C. Wear ring.
- D. Inlet grate.
- E. Spark plugs.
- F. Minor Gelcoat cracks or star cracks.

III. Warranty is Void When:

- A. Recommended maintenance work isn't performed.
- B. Work isn't done by an authorized dealer.
- C. Improper gasoline (methanol or white gas) is used.
- D. Improper oils or spark plugs are used.
- E. Any part of the watercraft is modified.
- F. The watercraft is raced.
- G. The watercraft is misused or abused.
- H. The engine is removed and used in another vehicle.
- I. Carburetion or engine is modified.

IV. Warranty Claim Completion

- A. Arctic Cat stipulates use of dealer plate.
- B. Arctic Cat stipulates use of customer's warranty card.
- C. All warranty claims must be sent to the service center within ten (10) days of date of repair.
- D. Cause of failure portions of the claim must be completed.
- E. Failure code of part that caused problem must be put on the first line of the claim.

■ NOTE: Failed part must be listed first (the part that caused the problem).

- F. Use only 1 failure code per claim.
- G. Dealer and customer must sign bottom of claim.

■ NOTE: Dealers who are working through a distributor must send warranty parts and warranty claims to their distributor's service and warranty department.

V. Warranty Parts

- A. Return all accessories with claim along with a copy of the sales receipt.
- B. Return all engine parts with claim.
- C. Return all electrical parts with claim (include all switches).
- D. Return all jet pump parts with claim.
- E. Return all cables with claim.
- F. Keep all chassis parts for sixty (60) days.
- G. Parts tags must be used and filled out completely.
- H. Use warranty shipping labels on all cartons.
- I. Return all clothing with claim and a copy of the sales receipt.

VI. Dealer Responsibility

- A. Assemble and set up all Tigershark products in accordance with the Setup Manuals.
- B. Complete the registration card with customer and mail to your service center within twenty-four (24) hours. Give customer copy to customer for warranty work required within the first forty-five (45) days.
- C. Explain warranty policy to customer at time of sale.
- D. Instruct customer on operation of watercraft.
- E. Cover engine break-in procedure and all safety features.
- F. Instruct customer to read through the Operator's Manual and other handbooks included with the watercraft.
- G. Perform all warranty work in accordance with the Policy and Procedure Manual and in a timely manner.
- H. If there is any problem in completing warranty work (parts problem, etc.), call the service department at your service center at once.
- I. Maintain an ample service parts supply.
- J. Perform warranty repairs on all Tigershark products.

VII. Customer Responsibility

- A. Maintain the watercraft following recommendations found in Operator's Manual.
- B. Must keep warranty card with watercraft and present it for warranty work.
- C. Have watercraft repaired at an authorized dealership.
- D. Transportation of watercraft to dealership.
- E. If the warranty card isn't available, have customer copy of the registration form.

VIII. Sharkwear Warranty Policy and Procedure

- A. Ninety (90) days from date of sale.
- B. Arctic Cat's option to repair, replace, or grant credit.
- C. Freight expense, unless otherwise stated, is the customer's responsibility.
- D. Clothing must accompany claim along with sales receipt.
- E. Upon receipt of a problem garment, determine if the garment is still within the warranty time period and if the garment has a warrantable problem (not abused or misused).
- F. Contact the service department at your service center to determine whether or not the garment should be either repaired locally or sent in to the factory for repairs or replacement.
- G. If the garment is to be repaired locally, obtain two quotes, have the garment repaired, and submit the bill along with the standard warranty claim form. A copy of the original sales slip should also be included.
- H. If the garment is to be sent in to the factory, fill out the standard warranty claim form and include a copy of the original sales slip. Garments sent in for repair must be clean. Any garment sent into Arctic Cat that is not clean will be charged a \$15.00 (U.S. funds) cleaning fee.

IX. Designated Service Centers

If there are any questions concerning warranty, please contact your area service center.

Alaska Dealers, contact:

Arctic Recreation: 1-907-272-5351

Contact: Jim Day, Service Manager

Canada Dealers, contact:

Arctic Cat Sales Inc.: 1-800-373-0717

Contact: Leo Berard — Western Canada

Maurice Labossiere — Eastern Canada

U.S. Dealers, contact area service representative:

(see map on page 2-6 for your area service representative)

Arctic Cat Inc.: 1-800-279-9419 or 1-218-681-8558

Customer Service Assistance

In every case, the dealer should make every attempt to answer any questions customers may have concerning Arctic Cat products. If their questions can't be answered, the dealer should contact the Arctic Cat Service Department for assistance.

If there are times when the customer insists on contacting the factory themselves, a special telephone line has been put in for customer service assistance. Please, only provide this number to customers who request the customer service telephone number.

Remember that the special WATS or 800 number is for dealer use **ONLY**. The customer service line number is 218-681-4999. Those calls received from customers on the toll free line will be charged to their dealer's account.

U.S. dealers can contact either their area service representative or regional customer service contact by calling 1-800-279-9419. Please refer to the map page.

SERVICE WATS LINE INSTRUCTIONS

MESSAGE #1:

Welcome to the Arctic Cat Service Department.
Please enter your dealer number.

MESSAGE #2:

(NOTE: If the number is valid, system transfers to MESSAGE #3).

If the dealer number is invalid, the message will be:
Please check the number and try again.

If a second invalid number is received, the message will be:
Please contact Arctic Cat Inc., by calling 218-681-8558
or 218-681-4999. Thank you.

MESSAGE #3:

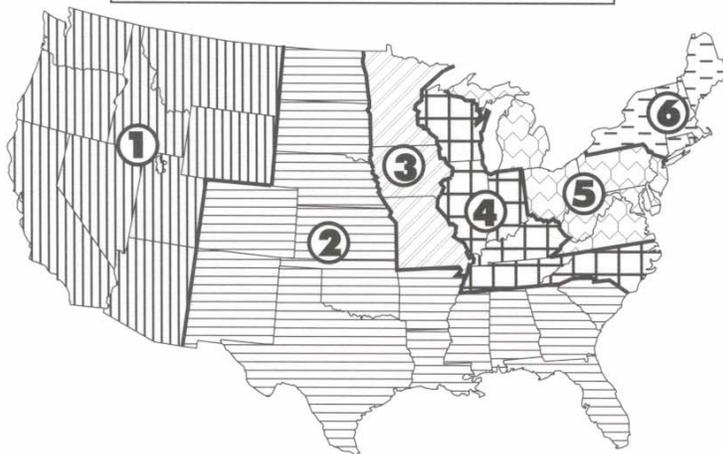
If you have a technical question, **Dial 1** (system transfers to message #4).
If you have a question concerning warranty credits or warranty claims submitted, **Dial 2**.
If you have a question concerning registrations, **Dial 3**.
If you have a question concerning Service Training or the SharkMaster Program, **Dial 4**.
If you have a call concerning a parts shortage or a parts order, **Dial 5**.

IF 5 IS DIALED...

For questions concerning parts order, a needed part, or parts return, please dial
1-800-279-9419 and ask for extension 183 or 400.
To place a parts order, please dial 1-800-279-2281.

MESSAGE #4:

You have reached the technical support area.
To reach a Service Technician, **Dial 3**.



Western Region



Bob Klade
Service Representative
Area 1



Joe Koch
Service Representative
Area 2



Tonya Fiedler
Customer Service, Western Region

Central Region



To be announced
Service Representative
Area 3



Jim Weckwerth
Service Representative
Area 4



Delray Flom
Customer Service, Central Region

Eastern Region



Harry Kramer
Service Representative
Area 5



Rusty Scott
Service Representative
Area 6



Deon Hanson
Customer Service, Eastern Region

UNDERSTANDING ARCTIC CAT FORMS AND PUBLICATIONS

A. OWNER REGISTRATION CARD

The Owner Registration Card (Fig. 1) is found in the toolbox of every watercraft. The serial number on the card is matched to the watercraft it arrives with. To make sure there hasn't been a mistake, check the serial number on the registration card with the serial number found on the watercraft. If they do not match, contact your designated service center for assistance.

When the watercraft is sold, complete the registration card with your customer. Give the white copy to the customer, keep the dealer copy in your file, and mail the remaining copies to your service center's service department. These copies must be sent to the service center within twenty-four (24) hours after the sale of the watercraft.

When completing the registration card, be sure you enter the correct postal or zip code. Also, have the customer complete the owner information section of the card.

Fig. 1

	HULL ID NUMBER	ENGINE NUMBER	MODEL NUMBER	MODEL
ARCTIC CAT® OWNER REGISTRATION CARD				
<small>This registration card is a condition of the warranty and must be completed by the selling dealer and the customer at time of sale. The top copy should be carried by the customer to use for the first thirty (30) days of ownership. If you have not received your plastic owner registration card in that time period, please contact your authorized Arctic Cat Tigershark® personal watercraft dealer.</small>				
<small>The dealer named at right has instructed me on the operation, maintenance, safety features, and the warranty policy, all of which I fully understand.</small>			<small>The model described above has been set up and serviced by myself or an employee in my behalf.</small>	
Owner's Signature: _____			Dealer's Signature _____	
<small>© "™ Trademarks of Arctic Cat Inc., Thief River Falls, MN 56701</small>				

Canary=Dealer Copy; Pink=Distributor Copy;
White Tag=Factory Copy

tskreg

IMPORTANT NOTES:

1. When completing owner registration card, print and press hard.
2. Make sure the customer address is customer's home mailing address.
3. Make sure to review predelivery checklist with customer.
4. Have customer sign card.
5. Selling dealer must sign card.
6. Complete dealer information (use imprinter).
7. Give customer copy to customer for warranty purposes.
8. File dealer copy.
9. Send factory and distributor copies to your service center (hard copy) within twenty-four (24) hours.

Dealer
Information

B. TRANSFERABLE WARRANTY

Warranty on Tigershark watercraft can be transferred from the original owner to a second party on current models within the first year.

Warranty can only be transferred once to a second party during the original 12-month warranty period. Time remaining of the original policy will be transferred to a second party for a fee of \$40.00 (U.S. funds).

To transfer warranty, complete the official transfer application found in the back of the Operator's Manual. Send the application, original warranty card, and a check made out to Arctic Cat for \$40.00 (U.S. funds) to the Arctic Cat Warranty Department.

Once the transfer application, check, and original warranty card are received at Arctic Cat, the application will be reviewed for all necessary information and processed. A new warranty card will be issued to the new owner for time remaining.

If there are any questions concerning the above policy, contact the Arctic Cat Warranty Department.

C. REGISTRATION INFORMATION FORM

When an owner registration card is received at Arctic Cat, it is reviewed for all necessary information to register a particular watercraft. If any information is missing or isn't clear, a registration information form and a copy of the registration card will be returned to the selling dealer. This form will indicate what is required to complete the registration card. Write the information required on the registration card and return it to the Service Department at Arctic Cat.

Fig. 3

<input type="text"/>		ARCTIC CAT INC. P.O. Box 810 Thief River Falls, MN 56701	<input type="text"/>
Serial Number			Date
<p>In order for Arctic Cat to process the enclosed Registration Card, we need the additional information. Please complete the card as indicated below and return to Arctic Cat Inc. within 14 days.</p>			
<input type="text"/>	<input type="text"/>	<input type="text"/>	Date of Sale
<input type="text"/>	<input type="text"/>	<input type="text"/>	Dealer Information
<input type="text"/>	<input type="text"/>	<input type="text"/>	Dealer Signature
<input type="text"/>	<input type="text"/>	<input type="text"/>	Customer Information
<input type="text"/>	<input type="text"/>	<input type="text"/>	Customer Signature

reginfo

10. CUSTOMER APPROVAL: The customer must sign the claim or the claim will not be processed.
11. DEALER CERTIFICATION: Dealer must sign claim or claim will not be processed.

These eleven (11) areas of the claim must be completed or the claim will be sent back to you for additional information and extra time will be required to process the claim. To make the warranty process flow smoothly and quickly, it is essential that we have your help in filling out all information required.

E. LABOR ONLY CLAIM

The Labor Only Claim shown below is used when only labor is required to repair the Tigershark watercraft.

Fig. 5

MACHINE USE DATA		CUSTOMER AND DEALER		DEALER USE				
Miles _____ or Hours <u>25</u> (Estimate O.K.)	Gas Brand <u>Conoco</u> Low Lead <input type="checkbox"/> No Lead <input type="checkbox"/> Premium <input checked="" type="checkbox"/> Regular <input type="checkbox"/>	Customer <u>JOE ANYBODY</u> Address <u>555 ANY PLACE</u> City, State or Province <u>NO WHERE MN 56799-9999</u>	Dealer: Use Customer ArcticCard and Data Recorder to print these spaces	Date of Repair <u>4-15-94</u>	Shop \$24.00			
Oil Brand <u>Arctic Cat</u> Wt. _____ Ratio <u>50</u> to 1	Spark Plug <u>NGK BR9ES</u>	Serial Number <u>9699999</u> Engine No. <u>A34-300564</u> Model No. <u>555555</u> Expiration <u>04-25-96</u>	Dealer: ArcticCard and Data Recorder to print these spaces	City, State or Province <u>THIEF RIVER FALLS MN 56701-0810</u>	Zip <u>555555</u>			
Symptom and/or cause: <u>Electrical tie pulled too tight around green wire causing insulation to break down.</u>				Factory Use Date _____ Representative _____				
REPLACEMENT PARTS			FAILURE CODE	FLAT RATE		DEALER PARTS COST	DISTRIBUTOR PARTS COST	FACTORY USE
QTY.	PART NO.	DESCRIPTION		TIME	LABOR CHARGE			
<u>0</u>	<u>3004-829</u>	<u>Stator Assembly</u>	<u>D01</u>	<u>1.5</u>	<u>40 80</u>			
NOTE: Do not put any other parts or repairs on this claim.								
Customer Approval This warranty service has been performed with my authorization and to my satisfaction. Customer's Signature <u>Joe</u>			Distributor Use Date _____ Representative _____ Parts Required _____ Credit Memo No. _____ Returned for additional information (See Back)		Sub-Total <u>40 80</u> 10% Bonus* _____ Total Labor <u>40 80</u>		Sub-Total _____ 10% Handling _____ Total Parts _____ GRAND TOTAL (Parts and Labor) <u>40 80</u>	
Dealer Certification I certify that the warranty work set forth on this claim form was actually performed and that this claim is being made in accordance with and conforms to Arctic Cat's most recent Warranty Policies and Procedures. Authorized Dealer's Signature <u>CatMaster Technician</u>			*10% Catmaster bonus for servicing sleds not sold by your dealership.					

Dealer Information

22547771

IMPORTANT NOTES:

- MACHINE USE DATA section:** Be sure to list the mileage (hours) of watercraft being repaired. If the watercraft isn't equipped with a speedometer, give your best estimation of mileage.
- CUSTOMER AND DEALER sections:** Use the customer's warranty card and your dealer plate, along with your imprinter, to complete these areas. If the customer's warranty card isn't available, be sure to print all information clearly.
- SYMPTOM AND/OR CAUSE section:** Complete this section by describing failure and cause as clearly as possible.
- REPLACEMENT PARTS section:** When no part is replaced and only labor is required, write the part number of part repaired and its description on the first line. Place "0" in the quantity column and the failure code in the failure code column. A list of failure codes can be found in this section or on the Arctic Cat failure code wall chart.
- TIME section:** Write the amount of time spent on repair.
- Both the dealer and customer must sign in the lower left corner of the claim.**

F. NORMAL WARRANTY CLAIM

When completing the Normal Warranty Claim (shown below) in which both parts and labor are involved, keep these important notes in mind:

Fig. 6

MACHINE USE DATA		CUSTOMER AND DEALER		DEALER USE				
MILES _____ or Hours <u>115</u> (Estimate O.K.) Gas Brand <u>Conoco</u> Low Lead <input type="checkbox"/> No Lead <input type="checkbox"/> Oil Brand <u>Arctic Cat</u> Premium <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Spark Plug <u>NGK BR9ES</u> Wt. <u>50</u> Ratio <u>1</u> to 1		Customer: <u>JOE ANYBODY</u> Address: <u>555 ANY PLACE</u> City, State or Province: <u>NO WHERE MN 56799-9999</u> Serial No.: <u>9699999</u> Engine No.: <u>A34-300564</u> Part No.: <u>96PUA</u> Engine Size: <u>399cc</u>		Dealer: Use Customer ArcticCard and Data Recorder to print these spaces Date of Repair: <u>4-15-94</u> Ship Price: <u>\$24.00</u> WARRANTY DEPARTMENT ARCTIC CAT INC. THIEF RIVER FALLS MN 56701-0810				
Symptom and/or cause: <u>Rod pin broke - Appears to be metal hardness problem</u>				Factory Use Date _____ Representative _____				
REPLACEMENT PARTS			FAILURE CODE	TIME	FLAT RATE LABOR CHARGE	DEALER PARTS COST	DISTRIBUTOR PARTS COST	FACTORY USE
QTY.	PART NO.	DESCRIPTION						
1	3004-827	Crankshaft	A36	4.6				
1	3002-714	Crankshaft Seal Mag						
1	3002-717	Crankshaft Seal PTO						
1	3002-761	Piston						
1	3004-825	Rings						
1	3004-321	Cylinder Base Gasket						
4	3002-041	Circlip						
1	3004-320	Head Gasket						
		Hone Cylinders		.4				
Customer Approval This warranty service has been performed with my authorization and to my satisfaction. Customer's Signature: <u>Joe</u>			Distributor Use Date _____ Representative _____ Parts Required _____ Credit Memo No. _____ Returned for additional information (See Back)		Sub-Total 10% Bonus*	Sub-Total 10% Handling	Sub-Total TOTAL	
Dealer Certification I certify that the warranty work set forth on this claim form was actually performed and that this claim is being made in accordance with and conforms to Arctic Cat's most recent Warranty Policies and Procedures. Authorized Dealer's Signature: <u>CatMaster Technician</u>			*10% Catmaster bonus for servicing sleds not sold by your dealership.		GRAND TOTAL (Parts and Labor)			

FACTORY COPY

Form No. 2254-777

2254777J

IMPORTANT NOTES:

- MACHINE USE DATA section:** Be sure to list the mileage (hours) of the watercraft being repaired. If the watercraft isn't equipped with a speedometer, give your best estimation of mileage.
- CUSTOMER AND DEALER sections:** Use the customer's warranty card and your dealer plate, along with your imprinter, to complete these areas. If the customer's warranty card isn't available, be sure to print all information clearly.
- SYMPTOM AND/OR CAUSE section:** Complete this section by describing the failure and cause as clearly as possible.
- REPLACEMENT PARTS section:** The part that failed or caused the failure must be put on the first line. List its part number, description, quantity used, and failure code. Select the failure code from the Failure Code Wall Chart.
- TIME section:** Enter time required to complete the repair as listed in the flat rate labor schedules which are found in the Policy and Procedure Manual. Use the part in the job which requires the greatest amount of time.
- Both the dealer and customer must sign the lower left corner of the claim.
- Place the warranty claim in a service envelope and return the claim with part(s) to the Arctic Cat Service Department or your distributor. Use the warranty return label.

G. GROUP CLAIM

The Group Claim is used to perform repairs described in a Service Bulletin. When completing a Group Claim, keep these important notes in mind:

Fig. 7

REPLACEMENT PARTS		FAILURE	FLAT RATE		DEALER	DISTRIBUTOR	FACTORY
QTY.	PART NO.	CODE	TIME	LABOR CHARGE	PARTS COST	PARTS COST	USE
1	0624-016	601	.2				
	9699999						
	9699998						
	9699997						
	9699996						
	9699995						

NOTE: The processors will treat each serial number as a separate claim with only the top line filled in.

Dealer Information

IMPORTANT NOTES:

1. Use your imprinter and dealer plate to complete the dealer information section.
2. Enter the Service Bulletin number in the "Symptom and/or Cause" section of the warranty claim.
3. REPLACEMENT PARTS section: List part number and quantity used on first line. List the serial number of first machine repaired in the "Description" column along with up to nine additional serial numbers (if required).
4. Enter the time allowed (found in the Service Bulletin) in the "Time" column and the Service Bulletin number in the "Failure Code" column.
5. Dealer must sign the claim in the lower left corner.
6. Place the warranty claim in a large envelope and return the part(s) and claim in the same box to Arctic Cat Service Department or your distributor. Use the warranty return labels.

H. ARCTIC CAT FAILURE CODES

The failure codes used for the coming season must be selected from the list that follows. We have changed the failure codes and put them into categories to make failure code selection easier for everyone. The new failure codes can also be found on the new Failure Code Wall Chart (p/n 2255-413) or on the back of the newly revised warranty claim form.

If you still have warranty claim forms from last season, they can be used; however, please do not use failure codes found on the back.

The new failure codes are all three digits and will always start with a letter followed by a number. For example, A12, C09, D10, etc.

Failure Code Guide

A. ENGINE - (crankcase/cylinder/piston/crankshaft/fan housing)	A01 Air Leak (seal/gasket)	A02 Air Leak (pin hole/porous casting)	A03 Coolant Leak (crankcase halves)	A04 Coolant Leak (pin hole/cylinder/cylinder head)	A05 Coolant Leak (O-ring/gasket/seal)	A06 Warped	A07 Out of Round	A08 Burned Valve	A09 Broken	A10 Cylinder Plating Peeling	A11 Loose Hardware	A12 Diameter Too Large	A13 Diameter Too Small	A14 Stripped	A15 Leaks Oil (seal/gasket/oil pump)	A16 Oil Pump (fails to pump oil)	A17 Foreign Material	A18 Machined Incorrectly	A19 Detonation	A20 Seized/Scuffed	A21 Bearing Failure (upper rod)	A22 Bent or Twisted	A23 Connecting Rod Brake	A24 Bearing Failure (lower rod)	A25 Bearing Failure (main bearing)	A26 Piston Ring Stop (missing/moved/loose)	A27 Ringland Brake	A28 Ring Catching Port	A29 Rustled (corroded)	A30 Keyway Damaged	A31 Circlip (missing/out of place)	A32 Bearing (seized/loose/fan housing)	A33 PTO End (broke)	A34 Magneto End (broke)	A35 Wrist Pin (broke)	A36 Lower Rod Pin (broke)	A37 Rope (frayed or broke)	A38 Sticking (recoil pawls)	A39 Check Valve	A40 Hose Off Fitting	A41 Calibration (Not Within Specifications)	A42 Thermostat (Sticking)	A43 Wear Excessive	A44 Hole in Piston	B. EXHAUST	B01 Baffle Loose	B02 Weld Poor (leaking/pin hole/seams)	B03 Warped	B04 Insulation (missing/deterioration)	B05 Loose Rivets	B06 Broken	
B. EXHAUST - (cont.)	B07 Plugged	B08 Bent	B09 Out of Alignment	B10 Paint Peeling	B11 Rustled/Corroded	B12 Loose Bolts	B13 Loose Clamp	B14 Bracket Broken	B15 Gasket Leaks	C. FUEL SYSTEM	C01 Broken	C02 Foreign Material	C03 Air Leak (flange/manifold)	C04 Leak Fluid (gasket/O-ring)	C05 Loose Hardware	C06 Improper Assy.	C07 Diaphragm Leaking	C08 Hoses (pin hole/loose/worn)	C09 Worm (needle & seat/jet needle/side)	C10 Peel (slide plating)	C11 Cable (broke)	C12 Cable (frayed)	C13 Adjustment (cables)	C14 Routed Improper	C15 Calibration Off	C16 Rustled - Corroded	D. ELECTRICAL - (ignition/handwarmer/thumb warmer)	D01 Shorted	D02 Open Circuit (broken wire/loose connection/poor ground)	D03 Improper Assembly	D04 Corroded	D05 Routed Improper	D06 Soldered Poorly	D07 Worm Harness	D08 Switch (shorted/corroded/open/broke)	D09 Too Hot	D10 Too Cold	D11 Blown Fuse	D12 Cracked	D13 Loose Hardware	E. ELECTRIC START	E01 Broken Brush Leads	E02 Worm Bushings	E03 Open Circuit	E04 Short Circuit	E05 Wear Spring (bendix spring)	E06 Bendix/Nut Stripped	E07 Stripped	E08 Loose (hardware)	E09 Broken	E10 Dead Cell (battery only)	E11 Rustled - Corroded
F. DRIVE SYSTEM - REVERSE (clutches/drive train)	F01 Press Fit Poor (bushings)	F02 Wear Excessive (bushing/thrust washer/cam arms/sprockets/reverse)	F03 Seizure (bushing to shaft)	F04 Broken	F05 Machined Incorrectly	F06 Rustled or Corroded	F07 Rough Surface	F08 Loose Hardware	F09 Out of Balance	F10 Bent	F11 Hole too Large (driven clutch)	F12 Bearing (seizure or loose)	F13 Leaks Fluid (case/seals)	F14 Twisted (driveshaft/driven shaft)	F15 Leaks Fluid (bearing)	F16 Stretched (chain)	F17 Alignment (clutch/sprocket)	F18 Too Long (track/drive belt)	F19 Too Short (track/drive belt)	F20 Adhesion Poor (track/drive belt)	F21 Bars Broken (track)	F22 Molding Defect	F23 Stripped	F24 Improper Calibration	F25 Tire Diameter Incorrect	F26 Leaks Air (bead, stem)	G. SUSPENSION/STEERING - (under carriage/front & rear/shock absorber)	G01 Broken	G02 Bent	G03 Twisted	G04 Weld Broken	G05 Improper Assembly	G06 Leaks Fluid	G07 Shock Eyelet Broken (loose)	G08 Shock Valving	G09 Pressure Low (shock only)	G10 Plied (shock rams)	G11 Loose Hardware	G12 Bearing Seized (idler wheels)	G13 Rubber Coming Off (idler wheel)	G14 Press Fit Poor (hub cap/bearings/bushings)	G15 Alignment	G16 Rustled/Corroded	G17 Loose (ball joints/bushing)	G18 Stripped	G19 Loose Grips	G20 Cable Frayed	G21 Cable Adjustment				
H. CHASSIS	H01 Loose Rivets (Push Nuts)	H02 Broken	H03 Bent	H04 Improper Assembly	H05 Track Deflector (broke/pulled through)	H06 Rust (corroded)	H07 Scratched	H08 Adhesion Poor	I. HOOD & CONSOLE - BELLY PAN - BODY PAINT	I01 Adhesion (poor or none/decals)	I02 Scratched	I03 Warped	I04 Burned	I05 Discolored	I06 Poor Fit	I07 Molding Defect	I08 Paint Blistered	I09 Loose Rivets	I10 Loose Hardware	I11 Broken	J. COOLING SYSTEM	J01 Leaks Fluid (heat exchanger/poor weld/cracked/pin holes)	J02 Loose Clamps	J03 Worm Hoses	J04 Improper Routing	J05 Molding Defect (Hoses)	J06 Plugged	J07 Pin Hole (Hose)	J05 Molding Defect (Hoses)	J06 Plugged	J07 Pin Hole (Hose)	K. GAUGES - (tachometer/speedometer/fuel/heat gauge)	K01 Gauges Fail to Register	K02 Calibration Poor	K03 Fogged Lens	K04 Broken	K05 Leaks	L. JET PUMP	L01 Alignment	L02 Bearing (seized or loose)	L03 Cracked	L04 Damaged in Shipment	L05 Improper Adjustment	L06 Improper Assembly	L07 Loose Hardware	L08 Metal Fatigue	L09 Missing Parts	L10 Machined Incorrectly	L11 Out of Balance	L12 Bent		
L. JET PUMP - (cont.)	L13 Press Fit Poor	L14 Rustled or Corroded	L15 Snap Ring Out of Place	L16 Stripped	L17 Torqued Too Low	L18 Vibration Excessive	L19 Wear Excessive	L20 Leaks Fluid	L21 Cable Breaking (Trim-Trim Indicator)	M. HULL	M01 Adhesion Poor or None	M02 Cracked	M03 Damaged in Shipment	M04 Discolored	M05 Hole Offset	M06 Improper Assembly	M07 Leaks Fluid	M08 Loose Rivets (Push Nuts)	M09 Loose Hardware	M10 Material Too Thin	M11 Missing Parts (Components)	M12 Molding Defect	M13 Outside Labor	M14 Poor Fit	M15 Scratched	N. ACCESSORIES	N01 Leak	N02 Broken	N03 Warped	N04 Short Circuit	N05 Open Circuit	N06 Missing Parts	N07 Lens Fogged	N08 Damaged in Shipment	N09 Finish Poor	O. GARMENTS (accessories/clothing/seat cushion)	O01 Seam Torn/Poor Stitching	O02 Faded	O03 Snaps (pulled out or missing)	O04 Zipper (separated from material)	O05 Zipper (teeth missing)	O06 Color Bleeds	O07 Trim(Lettering (loose/poorly stitched)	O08 Sizing (too large/too small)	O09 Peeled (adhesion poor/cracked)	O10 Too Soft	O11 Too Hard	O12 Poor Fit	O13 Improper Assembly	O14 Seat Foam Shifting		
P. GENERAL	P01 Damaged in Shipment	P02 Crate Deterioration	P03 Loose in Crate	P04 Concealed Damage	P05 Missing Parts (hardware package/publications/shock/etc.)	P06 Gelcoat Hard (silicone)	P07 Improper Part in Kit	P08 Corroded/Rustled in Crate	P09 Stretched	P10 Broken	P11 Loose Hardware	P12 Improper Assembly	P13 Packaged Incorrectly	Q. BRAKE	Q01 Wear Excessive	Q02 Leaks Fluid	Q03 Improper Assembly	Q04 Loose Hardware (Bolts)	Q05 Spring Weak	Q06 Bent	Q07 Bent Lines	Q08 Broken	Q09 Paint Blistered	Q10 Rust/Corroded	Q11 Warped	Q12 Cable (frayed)	Q13 Seal Swelling	R. EFI & BATTERY	R01 Faulty Air Temperature Sensor	R02 Faulty Water Temperature Sensor	R03 Faulty TVO Sensor	R04 Faulty ECU	R05 Faulty Main Wiring Harness	R06 Faulty Timing Sensor	R07 Faulty Injection Sensor	R08 Faulty Dropping Resistor	R09 Faulty DC Regulator	R10 Dead Cell	R11 Faulty Injector(s)	R12 Improper Routing	R13 Eprom (Chip)	R14 Faulty Relay	R15 Faulty Fuel Regulator	R16 Faulty Fuel Rail	R17 Faulty Fuel Pump							

J. WARRANTY PARTS TAG

- A. The warranty parts tag must be completed and attached to every part sent in to the service center. To make this task easier, we have designed the card so the Dealer Information Section of the card can be completed with your imprinter.

Fig. 9

INSTRUCTIONS

1. Complete information on parts tag (use imprinter).
2. Tag defective part.
3. Use reverse side for additional details.

Customer
 Address _____
 City, State Zip Code _____

Serial Number _____ **Engine Number** _____
Model Number _____ **Engine Type** _____
 _____ **Expiration Date** _____

DATE OF REPAIR
 (Hold parts for 90 days from this date) _____

Dealer Number _____
Dealership Name _____
 Address _____
 City, State Zip Code _____

Mileage _____ **Claim Number** _____
 Part Number _____ **Date Submitted** _____
 Cause of Failure _____

USE YOUR IMPRINTER
Warranty Parts Tag
ARCTIC CAT

Arctic Cat Inc., P.O. Box 810, 601 South Brooks Avenue, Thief River Falls, MN 56701
 part 2254-779

2254-779

IMPORTANT NOTES:

1. Complete Dealer Section with imprinter.
2. Complete Customer Section.
3. Print in Claim Number.
4. Print in Mileage (hours).
5. Print in Part Number of part.
6. Print in Cause of Failure.

■ **NOTE: All parts submitted MUST have a parts tag attached (attach with heavy string or wire).**

K. WARRANTY POLICY ADJUSTMENT FORM

This form should be used when a watercraft is out of warranty and you feel a problem should be covered by the Warranty Policy even though the warranty has expired. If a situation arises that you feel should be covered, contact the Service Department. We will discuss the situation with you, and if we can be of any assistance, we will issue you a copy of this form. It will be completed at the factory. All you need to do is attach it to the warranty claim being sent to the service center. There will be no credit issued on any watercraft that has a warranty that has expired unless prior approval is given and this form is attached to the claim.

ARCTIC CAT WARRANTY POLICY ADJUSTMENT

Other _____
 Snowmobile
 Watercraft

Date: _____ Mileage/Hours: _____
 Model: _____ Dealership Number: _____
 Expiration Date: _____ Dealership Name: _____
 _____ Address: _____
 _____ Phone Number: _____

Comments: _____

 Dealership Contact Person Arctic Cat Service Representative

Attach this form to the Warranty Claim

Form No. 2253-016

The following checklist will assist you when processing your Warranty Claims. Make sure all points are completed before submitting your warranty claim to your service center. This will enable us to process your claim and issue your credit quickly. This checklist can be removed from the book and placed where your warranty claims are completed.

WARRANTY PROCESSING CHECKLIST

- Complete warranty claim machine use data area.
- Complete ALL customer information correctly - use Customer Warranty Card for this information.
- Use dealer imprinter plate for dealer Information area.
- Fill in the area where it asks for a description of the problem.
- Enter all quantities and part numbers. Part that caused problem must be on the first line along with failure code.
- Both you and the customer sign the claim at the bottom.
- Complete the failure code area. Remember to use failure code on the part that caused the problem. Use only one code per claim.
- Remove the Dealer Copy and Customer Copy; then mail the remaining copies of the claim to your designated service center. Be sure to return those parts which are required with the claim. NOTE: LEAVE THE CARBON SHEETS IN!
- All returned parts must be tagged with Warranty Parts Tag. Use dealer plate and imprinter to complete dealer information area of tag. Be sure to complete all other areas.

PARTS THAT MUST BE RETURNED WITH CLAIM:

1. All engine parts
2. All electrical parts
3. All accessories
4. All jet pump parts
5. Throttle, choke, and steering cables
6. All Sharkwear clothing

Send Warranty Parts To Your Designated Service Center:

Arctic Cat Inc.
P.O. Box 810
Thief River Falls, MN 56701
Attn: Warranty Department

Alaska
Arctic Recreational Products
3074 Commercial Drive
Anchorage, AK 99501

Canada
Arctic Cat Sales, Inc.
59 Murray Park Road
Winnipeg, MB R3J3W2

■ **NOTE:** If there are any questions concerning warranty, registration, or parts, please contact your service center listed above.

GENUINE TIGERSHARK PARTS & ACCESSORIES

Arctic Cat or its distributors are the only source for dealers to order genuine Tigershark Watercraft parts and accessories. We will be supplying only authorized Tigershark Watercraft dealers with a complete lineup of parts for all model years. This means you must be an authorized Tigershark Watercraft dealer to purchase Tigershark Watercraft parts from the Arctic Cat Parts Department or from any Arctic Cat distributor.

To clarify any questions concerning parts ordering, a brief parts ordering procedure summary follows. If questions still exist after reviewing this summary, please do not hesitate to contact the Arctic Cat Parts Department or your distributor's parts department. They will be more than happy to assist.

PARTS ORDERING PROCEDURE

Before contacting the Arctic Cat Parts Department, have the following information ready:

1. Part numbers and quantities you wish to order.
2. Dealer number.
3. Method of shipment if other than regular UPS.

Being prepared will save everyone a lot of time. If needed, illustrated parts manuals or microfiche can be ordered through the parts department. Part numbers for all publications are provided in the Policy and Procedure Manual.

To order parts from the parts department, we have provided a toll-free WATS line.

Use this number for placing parts orders **only**.

Parts Order Line (U.S. and Canadian dealer dealing direct with Arctic Cat Inc.):

US & Canada 1-800-279-2281 (phone) English
US & Canada 1-800-296-4804 (phone) French
US & Canada 1-800-279-1916 (fax)

If you have any of the following questions, contact one of our Parts Information Coordinators at ext 5446, ext 5408, or ext 5434. Use the parts information line phone number.

Parts Information Line

US & MN 1-800-279-0179 French or English

1. Status of order
2. In-season or year-end parts return
3. Parts on back order

All **credit questions** (credit hold, etc.) should be addressed to these representatives:

Southern U.S.	Vicky Breiland at ext 2200
Canada	Julie Nowacki at ext 2203
Northeast U.S.	Donna Josephson at ext 2202
Northwest U.S.	Kari Nelson at ext 2204

(Use the Parts Information Line number given above)

- SPECIAL NOTES -

Processing and Shipping

All call-in orders will be processed within 24 hours.

■ **NOTE: All regular orders are shipped UPS ground unless you are on the 2nd-Day Air program and have no maximum quantity.**

ESP (Extra Special Processing) - Arctic Cat also has 1-day and 2-day ESP. Please identify at the beginning of placing the order if you desire ESP.

All ESP orders will be shipped by UPS or Federal Express. Canadian ESP orders will be shipped Purolator, UPS, and Federal Express. 1-day or 2-day Air Federal Express will only be available to dealers with open account credit status.

1. ESP order deadline is 1:00 PM (CST) daily for Purolator shipments.
2. ESP order deadline is 5:00 PM (CST) daily for UPS and Federal Express shipments.
3. All ESP orders will have a \$10.00 (U.S. funds) handling charge.
4. 15 line item maximum per ESP order.

BELOW MINIMUM ORDER

Any order below \$25.00 U.S. (\$35.00 Canadian) will be charged an extra \$5.00 for processing and handling.

QUALIFYING INFORMATION — FREE FREIGHT

- **The Arctic Cat Free Freight program provides free freight for one UPS (standard service) shippable parts and/or clothing order per day (Monday through Friday) in-season orders from February 1 until September 30.**
- Free freight will also be given to qualifying dealers that place a fax or dictaphone order. Orders may be faxed or left on dictaphone 24 hours a day. 9:00 p.m. is the deadline to guarantee next day shipment.
- Two regular in-season orders will receive free freight for orders processed with the Arctic Cat tech computer ordering system.
- **All UPS shippable orders of \$300 or more will receive free freight to dealers qualifying on the Level 2 or higher on pre-season free freight programs. Pre-season promotional orders are not included.**
- Since we do not require that in-season parts and clothing orders be placed separately, each dealer, in order to qualify for this program, is required to place minimum orders for both parts and clothing.
- The minimums for both parts and clothing are \$2,500.00 each for a total of \$5,000.00.
- Clothing and parts pre-season order deadlines will be identified by your Arctic Cat Sales Representative.
- **Please note this information while placing your pre-season parts and clothing orders.**
- Free freight programs will terminate if accounts are not kept current.
- **Pre-season promotional orders do not receive free freight any time during the year.**

FREE FREIGHT POLICY (SECOND DAY AIR OPTION)

All dealers qualifying for the Pre-season Sharkwear, Parts, and Accessories free freight program will receive an option. If you wish to change your ship status to Second Day Air only, as a standard way to ship parts to your dealership "in-season," Arctic Cat will credit your account the UPS Ground charge, so you only pay the difference.

Procedures and Policy

1. You must qualify for free freight in accordance with the pre-season free freight policy (see the Free Freight section of your dealer book for details).

■ NOTE: The Arctic Cat free freight program runs from February 1 until September 30. Credits to qualifying dealers will be automatic during this time frame.

2. Call the Arctic Cat Order Entry Department and request to have your standard ship policy changed to Second Day Air. Standard policies may be changed back at any time by dealer request.

■ NOTE: Any individual shipment may be requested to be changed back to standard UPS. Just make that request at the time of ordering.

SPECIAL FREIGHT REQUEST

Orders can and will be shipped by most methods requested by the ordering dealer. Freight charges for special freight shipment are the responsibility of the dealer.

SHARKMASTER™ PROGRAM

Purpose:

1. Builds a strong service network of trained technicians.
2. Promotes quality service.
3. Aids in building customer confidence.

Requirements:

1. Must have three years experience working on watercraft.
2. Must have all the current service and parts manuals.
3. Must have all the recommended tools.
4. Must pass the SharkMaster test.
5. Must attend a Tigershark Watercraft Service Seminar each year.

Benefits:

1. Technicians will receive a jacket at a special price (\$45.00).
2. Dealership will be eligible for shop rate increases.
3. Dealership will receive a 10% bonus on labor for working on watercraft sold by another dealer.
4. Technicians will receive a personalized SharkMaster identification card.

CUSTOMER SERVICE

Most manufacturers and dealers realize the value of loyal customers, and they work full time at retaining owner loyalty by keeping customer service needs foremost in their minds. But once in a while, even the best of intentions, the best of efforts, fall short. A customer becomes dissatisfied and contacts the Arctic Cat Service Department.

Sweep it under the rug? Ignore it? That just doesn't make good business sense. A complaint is really an opportunity, a second chance, to respond to a customer's needs. If handled promptly and tactfully, it can make a customer even more loyal.

Why is loyalty so important? If an average service customer leaves and goes to a competitor for watercraft needs, that customer may take about \$30,000 worth of future lifetime purchases of watercraft sales and service away from you. You lose sales and profits. Unfortunately, that's only the beginning, because customers talk—especially unhappy customers.

So it's extremely important that both you and we communicate with our customers, especially the dissatisfied ones. After all, we're both in the business together and without customers, there is no business. We both need to take prompt, responsible action before a dissatisfied customer leaves us forever.

In this age of consumerism, we have to work together more effectively than ever before to handle our customers' problems. Customers expect it of us, and we should expect it of each other. It's a real challenge.

The single most important ingredient in an effective manufacturer/dealer/owner relations system is the ability to communicate with each other. While our responsibilities may differ, our results must be the same—keeping our customers satisfied. There is only one way to produce that result, and that's by working together.

On page 2-24, you will find an example of our Complaint Contact Report form. Each time an unhappy customer contacts Arctic Cat, this form will be filled out. If further action is required, the pink and goldenrod copies of this form will be sent to your dealership for follow-up. All information will be written on the form as reported by the customer.

When you receive your copy of the customer contact form, proceed as follows:

1. Review information written in comment section of the form. If you know of the situation and have some further comments, contact the Arctic Cat service representative who completed the information. The service representative's name will be written in the upper right hand corner. Discuss the situation with the service representative and decide what can be done (if anything) to correct the situation.
2. Contact customer and take whatever action is required to satisfy the complaint.
3. Once the problem has been corrected, return goldenrod copy of the form with your comments written at the bottom.

■ NOTE: If assistance is required in handling any customer problems, please contact the Arctic Cat Service Department as soon as possible.

Once Arctic Cat receives the contact form back from the dealer and the problem has been resolved, it will go into the dealer's closed file. If any contact forms are not returned within two weeks, Arctic Cat will contact the dealer to see what progress is being made. As long as the form isn't returned to the Arctic Cat Service Department, it will stay in the dealer's or distributor's open file.

In cases in which dealers have a distributor, such as in Canada or Alaska, the form will be mailed to the distributor for follow-up. If the dealers in this case should have any questions, they should contact their distributor Service Manager as soon as possible.

Any emergency-type complaint received by the Arctic Cat Service Department will be followed up immediately by contacting the dealer by phone. A form will then be filled out and sent to the dealer or distributor. The dealer or distributor should then follow-up on the complaint as soon as possible without waiting for the form. The form can be completed and returned when it arrives.

In each case, the complaint contact form will be sent out by Arctic Cat on the same day that the customer calls in.

If the complaint comes to Arctic Cat in the form of a letter, a copy of the letter along with a completed form will be sent to the dealer.

To acknowledge the customer's letter, we will send a letter much like the example below.

The complaint is now in the system, and we must do our best to correct it. There is only one way to resolve a problem, and that's by working together.

This will acknowledge receipt of your letter regarding the problems you have encountered. We are concerned with the circumstances that prompted your letter and have forwarded details to your distributor that serves your area. If you have not already been contacted, a distributor representative will be in touch with you shortly to review the situation fully.

We regret the fact that you have experienced difficulties but appreciate your bringing the matter to our attention and permitting us to be of service to you. In the future if you need additional assistance, contact your area distributor or dealer directly to ensure the fastest service possible.

Your distributor is:

Sincerely yours,

ARCTIC CAT INC.

Emergency Parts Policy

There will be times when a part needed to repair a customer's watercraft is not available through normal channels.

It is our goal at Arctic Cat to get every customer's watercraft back into service as quickly as possible even when a parts problem exists.

At no time should a customer's watercraft be laid up because of a parts problem. If the part required goes on back order when you place your order (the parts-order operator will tell you if the part is not available) and you have a watercraft waiting on that part, please request to speak to Steve Thibert at ext 5446, Shannon Gunderson at ext 5408, or to someone in the Service Department.

We will find the required part if at all possible. The part we find may be used, but it will still be better than no part at all.

For those dealers who are working through a distributor, the distributor will also be ready to assist you with parts problems. Please let your Distributor Service Department know when you have a watercraft repair being delayed because of a parts shortage.

Part Number Quick Reference

The following Part Number Quick Reference is a list of part numbers and descriptions commonly asked of our service representatives. Use this as your reference.

Part Number	Description	Part Number	Description
0217-702	NGK Spark Plug, BPR5HS	0678-034	Custom Spray Paint, Silver
0217-704	NGK Spark Plug, BPR5ES	0678-035	Custom Spray Paint, White
0217-703	NGK Spark Plug, BPR6ES	0652-059	Custom Spray Paint, Blue
0217-701	NGK Spark Plug, BR8ES	0678-100	Custom Spray Paint, Gray
0217-015	NGK Spark Plug, B9ES	0678-041	Custom Spray Paint, Red
0217-035	NGK Spark Plug, BR9ESA	0678-042	Custom Spray Paint, Teal
0217-700	NGK Spark Plug, BR9ES	0678-030	Tigershark Injection Oil, 55 gallon drum
0217-709	NGK Spark Plug, BR9EYA	0678-312	Tigershark Extreme Injection Oil, 55 gallon drum
0217-028	NGK Spark Plug, B9EVA	0678-003	Tigershark Injection Oil, 6 gallons/case
0217-032	NGK Spark Plug, BR9EVA	0678-288	Tigershark Extreme Injection Oil, 6 gallons/case
0678-122	Water Filter Kit	0678-017	Tigershark Injection Oil, 12 quarts/case
0612-507	Exhaust Band Clamp	0678-289	Tigershark Extreme Injection Oil, 12 quart/case
0609-223	Blue Bilge Button	0678-023	Engine Fogger Preserver, 12 oz/12 per case
0678-213	Gas and Oil Filters	0678-031	Octane Booster, 16 oz/12 per case
0673-093	Fire Extinguisher	0678-032	Fuel Stabilizer, 8 oz/12 per case
0678-006	Engine Flush Kit	0678-146	Anti-Seize, 3 oz package
0678-274	Flush Kit, Deluxe	0678-149	Rivet-On Plug Caddy Kit
0609-222	Green Start Button	0678-120	Drive Unit Lubricant, 6 oz/24 per case
0773-281	Seat Hold Down Bolts w/Washers	0678-025	Tigershark Wax, 16 oz/12 per case
0637-120	Update Kit, '95 Daytona Exhaust	0678-026	Tigershark Cleaner, 22 oz/12 per case
0678-121	Choke Shaft Bushing Kit	0638-289	Loctite 290, 0.34 oz
0624-263	Stainless Staples	0678-209	Handlebar Grip Adhesive
0678-335	Carburetor Kit (900 cc)	0678-208	Crankcase Sealant
0678-066	Carburetor Kit (640 cc)	0678-210	Loctite 290, 0.20 oz
0678-291	Carburetor Kit (770 cc)	0678-207	High-Temperature Silicone Sealant
0652-033	Tigershark Gelcoat, White		
0652-034	Tigershark Gelcoat, Gray		
0652-035	Tigershark Gelcoat, Red		
0652-058	Tigershark Gelcoat, Blue		
0652-040	Tigershark Gelcoat, Teal		
0678-316	Multi-Color Gelcoat Kit		

FEATURES AND SPECIFICATIONS

TABLE OF CONTENTS

1997 Montego	3-2
1997 Montego Deluxe	3-3
1997 Monte Carlo 640	3-4
1997 Monte Carlo 770	3-5
1997 Monte Carlo 1000	3-6
1997 Daytona 770	3-7
1997 Daytona 1000	3-8

1997 MONTEGO

CHANGES AND IMPROVEMENTS FROM 1996	
Molded Instrument Dash	Graphics
New Handlebar Pad	New Gas Tank
38 mm Carburetor	Jumbo Jet Pump
Sponsons	Stainless Steel Impeller
Stainless Steel Wear Ring	Improved Seat Shape
Bilge Pump Over-Ride Switch	
DIMENSIONS AND CAPACITIES	
Length	282 cm (111 in.)
Width	110 cm (43.5 in.)
Height	93 cm (36.5 in.)
Weight	186 kg (410 lb)
Rider Capacity	2
Safe Load Capacity	168 kg (370 lb)
HULL AND COMPONENTS	
Hull Material/Design	AME 5000/Fiberglass
Bilge System/Pump Rate	Electric/360 gph
ENGINE	
Engine Type	Suzuki
Number of Cylinders	2
Bore x Stroke	75.7 x 71 mm (2.98 x 2.80 in.)
Displacement	639 cc
Compression Ratio	7.6:1
Idle RPM (In Water)	1200-1500
Peak RPM	6700
Plug Type/Gap	NGK BR9EYA/ 0.7 - 0.8 mm (0.028 - 0.031 in.)
Horsepower	62

DRIVE SYSTEM	
Jet Pump Type	Jumbo Jet with Molded Intake
Impeller Pitch	14° - 18°
Impeller Material	Stainless Steel
Wear Ring Material	Stainless Steel
Stator Material	Aluminum
CARBURETION	
No. of Carburetors/Type	1/BN38-37 I - Mikuni
Intake System	Reed Valves
Exhaust System	Stainless Steel
ELECTRICAL	
Ignition System	Digital CDI with RPM and Overheat Protection
Starting System	Push Button Electric Start and Stop
FUEL/LUBRICATION	
Recommended Gasoline	87 Octane (min)
Fuel Capacity (Inc. Reserve)	47 l (12.5 gal.)
Lubrication	Oil Injection
Oil Capacity	4.7 l (5 qt)
STANDARD EQUIPMENT	
Fuel Gauge	Oil Gauge
OPTIONAL EQUIPMENT	
Trim or Reverse	Mirrors
Speedometer	Footwell Pads
Tachometer	Low Oil Warning Light
Hi-Heat Sensor Light	Stainless Steel Stator

