Port Engine Serial Number:

Stbd. Engine Serial Number:

Hull Identification Number:

The Hull Identification Number (HIN) is located on the starboard side of the transom. Be sure to record the HIN (and the engine serial numbers) in the space provided above. Please refer to the HIN for any correspondence or orders.

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All Avanti products meet or exceed USCG (United States Coast Guard) and/or NMMA (National Marine Manufacturer’s Association) construction standards. Manufactured with 1,1,1 Trichloroethane, a substance which harms public health and environment during the manufacturing process by destroying ozone in the upper atmosphere.

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CHAPTER 2: DECK HARDWARE

Bow

[Diagram of bow area with labeled parts: Bow Rail, Forward Deck Rail, Cleat (Typical), Hatch, Wiper (Typical), Wiper Motor (Typical), Portlight (Typical), Spotlight (Option)]

[Detailed View: Forward Bow Locker Hatch, Windlass, Cleat, Windlass Foot Controls]
Aft Deck

Top Deck
CHAPTER 3: DRAINS

Shower Drain

Sink Drains
Cockpit

- DRAIN FITTING
- SINK DRAIN FITTING
- DRAIN FITTING (ICE MAKER OPTION)
- THRU-HULL
- DRAIN HOSE (TYPICAL)
- T-FITTING
- THRU-HULL DRAIN (TYPICAL)
- THRU-HULL (TYPICAL)
- DRAIN FITTING (BEHIND STEREO SPEAKER)
- DRAIN FITTING (BEHIND TRIM TAB SWITCH OUTLET BOX COVER)
- DRains TO BILGE
- ENTERTAINMENT SINK STRAINER
- DRAIN HOSE (TYPICAL)
- TO THRU-HULL
Swim Step
CHAPTER 4: SYSTEM ROUTINGS

Bilge Pump Systems
Engine Cooling Systems

GAS ENGINE COOLING SYSTEM (OPTION)
- WATER HOSE (TYPICAL)
- SEACOCK
- SEAWATER STRAINER
- TO PORT ENGINE
- TO STARBOARD ENGINE

DIESEL ENGINE COOLING SYSTEM (OPTION)
- SEAWATER INTAKE VALVE (SEACOCK)
- SEAWATER STRAINER
- TO PORT ENGINE
- WATER HOSE
- TO STARBOARD ENGINE
Engine Exhaust System

GAS ENGINE EXHAUST ROUTING
PARTS TYPICAL FOR STARBOARD ENGINE (NOT SHOWN)

EXHAUST HOSE (TYPICAL)  T-FITTING  FROM MANIFOLD
EXHAUST THROUGH-HULL
MUFFLER
HOSE CLAMP (TYPICAL)
90 DEG. Elbow

DIESEL ENGINE EXHAUST ROUTING
PARTS TYPICAL FOR STARBOARD ENGINE (NOT SHOWN)

EXHAUST THROUGH-HULL
MUFFLER
EXHAUST RISER
EXHAUST HOSE (TYPICAL)
Fuel System Routing
Fuel System Components (Diesel Option)

Fuel Fill & Vent Routing

Routing Typical For Starboard Fuel Tank (Not shown)
Heat Exchange System (Diesel Option)

Blower System
Gas Generator (Option)

[Diagram showing the layout of the Gas Generator with labels for various components such as To Port Fuel Tank, Fuel Hose, Siphon Break, Vent Hose (Typical), Seacock, Seawater Strainer, Generator, Fuel Filter, Exhaust Hose, and Exhaust Thru-Hull.]

Diesel Generator (Option)

[Diagram showing the layout of the Diesel Generator with labels for various components such as Port Fuel Tank, Fuel Hose (Typical), Siphon Break, Vent Hose (Typical), Water Hose, Seawater Strainer, Seawater Intake Valve (Seacock), Generator, Fuel Filter, Exhaust Hose, and Exhaust Thru-Hull.]

Avanti 4085 EU • Routing Supplement
Steering System

Freshwater Tank Fill & Vent Routing
Freshwater System Routing

COLD WATER ROUTING

TO TRANSOM SHOWER
TO COCKPIT SINK
CITY WATER INLET
WATER TANKS
WATER PUMP
TO HEAD SINK
TO GALLEY SINK

HOT WATER ROUTING

TO COCKPIT CENTER SINK
TO TRANSOM SHOWER
WATER HEATER
TO HEAD SINK
TO GALLEY SINK
Marine Head System Routing

STANDARD HEAD SYSTEM ROUTING

- TO THRU-HULL
- WASTE PUMP-OUT FITTING ON DECK
- WASTE FROM MACERATOR TO THRU-HULL
- MACERATOR PUMP
- WASTE FROM TANK TO PUMP-OUT FITTING
- HOLDING TANK
- WASTE FROM HEAD TO HOLDING TANK

MACERATOR DELETE MARINE HEAD SYSTEM ROUTING (OPTION)

- TO THRU-HULL
- WASTE PUMP-OUT FITTING ON DECK
- WASTE FROM MACERATOR TO THRU-HULL
- MACERATOR PUMP
- WASTE FROM TANK TO HOLDING TANK
- HOLDING TANK
- WASTE FROM HEAD TO HOLDING TANK

HOLDING TANK VENT ROUTING

- HULLSIDE TANK VENT
- VENT HOSE
- HOLDING TANK

HEAD WATER PICKUP ROUTING

- SEAWATER TO HEAD
- SEAWATER INTAKE VALVE (SEACOCK)
CHAPTER 5: ELECTRICAL

Deck Electrical Routings

Dash Layout
CHAPTER 6: LIFTING SLING POSITIONS

REFERENCE POINT

63 7/8" 

REFERENCE POINT

16 9/16" 

LIFTING SLING POSITION LABEL
(TYPICAL PORT & STARBOARD)
CHAPTER 7: ISO SYMBOLS

These ISO symbols may be used throughout your boat to identify and describe various systems and components.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Symbol]</td>
<td>Air Cooled Charge Air Cooler</td>
<td>![Symbol]</td>
<td>Air, General</td>
<td>![Symbol]</td>
<td>Air, Intake (For Combustion)</td>
</tr>
<tr>
<td>![Symbol]</td>
<td>Anchor</td>
<td>![Symbol]</td>
<td>Blower</td>
<td>![Symbol]</td>
<td>Compass</td>
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<tr>
<td>![Symbol]</td>
<td>Counterclockwise Rotation</td>
<td>![Symbol]</td>
<td>Crankshaft Power</td>
<td>![Symbol]</td>
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<tr>
<td>![Symbol]</td>
<td>Engine Inlet Air Temperature</td>
<td>![Symbol]</td>
<td>Engine Oil</td>
<td>![Symbol]</td>
<td>Engine Oil Filter</td>
</tr>
<tr>
<td>![Symbol]</td>
<td>Engine Oil Level</td>
<td>![Symbol]</td>
<td>Engine Oil Pressure</td>
<td>![Symbol]</td>
<td>Engine Oil Temperature</td>
</tr>
<tr>
<td>![Symbol]</td>
<td>Exhaust Gas</td>
<td>![Symbol]</td>
<td>Filter</td>
<td>![Symbol]</td>
<td>Freshwater</td>
</tr>
<tr>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
<td>Symbol</td>
<td>Description</td>
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<td>------------------------------------</td>
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<tr>
<td><img src="symbol1.png" alt="Image" /></td>
<td>Hydraulic Oil</td>
<td><img src="symbol2.png" alt="Image" /></td>
<td>Hydraulic Oil Filter</td>
<td><img src="symbol3.png" alt="Image" /></td>
<td>Hydraulic Oil Level</td>
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<tr>
<td><img src="symbol4.png" alt="Image" /></td>
<td>Hydraulic Oil Pressure</td>
<td><img src="symbol5.png" alt="Image" /></td>
<td>Hydraulic Oil Temperature</td>
<td><img src="symbol6.png" alt="Image" /></td>
<td>Hydraulic System</td>
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<tr>
<td><img src="symbol7.png" alt="Image" /></td>
<td>Hydraulic System Malfunction</td>
<td><img src="symbol8.png" alt="Image" /></td>
<td>Interior Light</td>
<td><img src="symbol9.png" alt="Image" /></td>
<td>Lift Point</td>
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<tr>
<td><img src="symbol10.png" alt="Image" /></td>
<td>Light</td>
<td><img src="symbol11.png" alt="Image" /></td>
<td>Lubricating Oil</td>
<td><img src="symbol12.png" alt="Image" /></td>
<td>Malfunction</td>
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<tr>
<td><img src="symbol13.png" alt="Image" /></td>
<td>No Open Flame</td>
<td><img src="symbol14.png" alt="Image" /></td>
<td>Oil Tank</td>
<td><img src="symbol15.png" alt="Image" /></td>
<td>Outboard Drive</td>
</tr>
<tr>
<td><img src="symbol16.png" alt="Image" /></td>
<td>Outboard Drive Tilt</td>
<td><img src="symbol17.png" alt="Image" /></td>
<td>Pressure</td>
<td><img src="symbol18.png" alt="Image" /></td>
<td>Propeller</td>
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<tr>
<td><img src="symbol19.png" alt="Image" /></td>
<td>Propeller</td>
<td><img src="symbol20.png" alt="Image" /></td>
<td>Propulsion System Trim</td>
<td><img src="symbol21.png" alt="Image" /></td>
<td>Propulsion System Trim, Bow Down</td>
</tr>
<tr>
<td><img src="symbol22.png" alt="Image" /></td>
<td>Propulsion System Trim, Bow Up</td>
<td><img src="symbol23.png" alt="Image" /></td>
<td>Pump</td>
<td><img src="symbol24.png" alt="Image" /></td>
<td>Read Owner's Manual</td>
</tr>
<tr>
<td><img src="symbol25.png" alt="Image" /></td>
<td>Seawater</td>
<td><img src="symbol26.png" alt="Image" /></td>
<td>Shift Only Fwd-N-Rev.</td>
<td><img src="symbol27.png" alt="Image" /></td>
<td>Sling Location</td>
</tr>
<tr>
<td><img src="symbol28.png" alt="Image" /></td>
<td>Tank</td>
<td><img src="symbol29.png" alt="Image" /></td>
<td>Throttle/Shift</td>
<td><img src="symbol30.png" alt="Image" /></td>
<td>Transmission</td>
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<tr>
<td><img src="symbol31.png" alt="Image" /></td>
<td>Transmission Oil</td>
<td><img src="symbol32.png" alt="Image" /></td>
<td>Transmission Oil Filter</td>
<td><img src="symbol33.png" alt="Image" /></td>
<td>Transmission Oil Level</td>
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<tr>
<td><img src="symbol34.png" alt="Image" /></td>
<td>Transmission Oil Malfunction</td>
<td><img src="symbol35.png" alt="Image" /></td>
<td>Transmission Oil Pressure</td>
<td><img src="symbol36.png" alt="Image" /></td>
<td>Transmission Oil Temperature</td>
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<tr>
<td><img src="symbol37.png" alt="Image" /></td>
<td>Trim Tab Operation</td>
<td><img src="symbol38.png" alt="Image" /></td>
<td>Trim Tab Operation, Bow Down</td>
<td><img src="symbol39.png" alt="Image" /></td>
<td>Trim Tab Operation, Bow Up</td>
</tr>
<tr>
<td><img src="symbol40.png" alt="Image" /></td>
<td>Volume Empty</td>
<td><img src="symbol41.png" alt="Image" /></td>
<td>Volume Full</td>
<td><img src="symbol42.png" alt="Image" /></td>
<td>Volume Half Full</td>
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<td><img src="symbol43.png" alt="Image" /></td>
<td>Warning</td>
<td><img src="symbol44.png" alt="Image" /></td>
<td>Warning, Electrical Hazard</td>
<td><img src="symbol45.png" alt="Image" /></td>
<td>Warning, Fire Risk</td>
</tr>
<tr>
<td><img src="symbol46.png" alt="Image" /></td>
<td>Warning, Hot</td>
<td><img src="symbol47.png" alt="Image" /></td>
<td>Waste Water, Sewage</td>
<td><img src="symbol48.png" alt="Image" /></td>
<td>Water Flushing Connector</td>
</tr>
<tr>
<td><img src="symbol49.png" alt="Image" /></td>
<td>Windshield Washer Tank</td>
<td><img src="symbol50.png" alt="Image" /></td>
<td>Windshield Wiper &amp; Washer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
LIMITED WARRANTY

Avanti warrants to the original purchasers of its 1999 model boats, purchased from an authorized dealer, operated under normal, noncommercial use that the selling dealer will: (A) Repair any structural hull defect which occurs within five (5) years of the date of delivery; and (B) Repair or replace any parts found to be defective in factory material or workmanship within one (1) year of the date of delivery.

What Is Not Covered

This limited warranty does not apply to:
1. Engines, drive trains, controls, props, batteries, or other equipment or accessories carrying their own individual warranties;
2. Engines, parts or accessories not installed by Avanti;
3. Plexiglass windscreens breakage; rainwater leakage on runabout models; rainwater leakage through convertible tops; minor gelcoat discoloration, cracks or crazing or air voids;
4. Hull blisters that form below the waterline;
5. Normal deterioration, i.e. wear, tear, or corrosion of hardware, vinyl, tops, vinyl and fabric upholstery, plastic, metal, wood, or trim tape;
6. Any Avanti boat used for commercial purposes;
7. Any defect caused by failure of the customer to provide reasonable care and maintenance.

Other Limitations

THERE ARE NO OTHER EXPRESS WARRANTIES ON THIS BOAT. TO THE EXTENT ALLOWED BY LAW:
1. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF ONE YEAR.
2. Neither Avanti nor the selling dealer shall have any responsibility for loss of use of the boat, loss of time, inconvenience, commercial loss or consequential damages.
3. Some jurisdictions do not allow limitations on how long any implied warranty lasts, so the above limitation may not apply to you. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Your Obligation

In order to comply with regulations, it is essential that your limited warranty registration card be submitted within 30 days of delivery of your boat. Return of the limited warranty registration card is a condition precedent to limited warranty coverage. Before any warranty work is performed, we require that you contact your dealer to request warranty assistance.

YOU MUST GIVE US WRITTEN NOTICE OF YOUR WARRANTY CLAIM PRIOR TO THE EXPIRATION OF YOUR LIMITED WARRANTY AND ALLOW US AN OPPORTUNITY TO RESOLVE THE MATTER.

We require that you return your boat, at your expense, to your selling dealer or, if necessary, to the Avanti factory. You will be responsible for all transportation, haulouts and other expenses incurred in returning the boat for warranty service.

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Everett, WA 98206

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FAX: 360-403-4235