4085 EU

Routing Supplement
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 1: HULLSIDE HARDWARE AND DRAINS

Starboard Hullside

- AUTO BILGE PUMP DRAIN
- FUEL TANK VENT
- AIR INTAKE BOX (TYPICAL)
- FORWARD BILGE PUMP DRAINS
- AIR CONDITIONING DRAIN (OPTION)
- V-BERTH PORTLIGHT
- COCKPIT DRAIN
- GALLEY SINK DRAIN
- ENGINE EXHAUST
- MANUAL BILGE PUMP DRAIN

Port Hullside

- PORTLIGHTS
- HOLDING TANK VENT
- CUP HOLDER DRAIN
- COCKPIT DRAIN
- FUEL TANK VENT
- SWIM STEP DRAIN
- AIR CONDITIONING WATER DRAIN (OPTION)
- HEAD SINK DRAIN
- WATER TANK VENT
- FORWARD PORT STORAGE TUB DRAIN
- COCKPIT SINK DRAIN
- MARINE HEAD OVERBOARD
- MACERATOR DISCHARGE
- SHOWER DRAIN
- ICE MAKER DRAIN (OPTION)
- AIR INTAKE BOX (TYPICAL)
- ENGINE EXHAUST

Transom

- TRIM TAB (TYPICAL)
- RUDDER (TYPICAL)
- SACRIFICIAL ANODE PLATE
- BOARDING LADDER

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CHAPTER 2: DECK HARDWARE

Bow

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

Detailed view:
- Forward Bow Locker Hatch
- Windlass
- Cleat
- Windlass Foot Controls
CHAPTER 3: DRAINS

Shower Drain

Sink Drains
Cockpit

- Drain Fitting
- Sink Drain Fitting
- Drain Fitting (Ice Maker Option)
- Thru-Hull
- Thru-Hull
- Drain Hose (Typical)
- T-Fitting
- Thru-Hull (Typical)

- Drain Fitting (Behind Stereo Speaker)
- Drain Fitting (Behind Trim Tab Switch Outlet Box Cover)
- Drain Fitting
- Drains to Bilge
- Entertainment Sink Strainer
- Drain Hose (Typical)
- To Thru-Hull

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Swim Step
CHAPTER 4: SYSTEM ROUTINGS

Bilge Pump Systems
Engine Cooling Systems
Engine Exhaust System

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

EXHAUST THRU-HULL

EXHAUST HOSE (TYPICAL)

T-FITTING

FROM MANIFOLD

MUFFLER

HOSE CLAMP (TYPICAL)

90 DEG. ELBOW

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

EXHAUST THRU-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

PARTS TYPICAL PORT AND STARBOARD
Gas Generator (Option)

Diesel Generator (Option)
Steering System

Freshwater Tank Fill & Vent Routing
Freshwater System Routing

COLD WATER ROUTING
- To Transom Shower
- To Cockpit Sink
- City Water Inlet
- To Head Sink
- Water Tank
- Water Pump
- To Galley Sink

HOT WATER ROUTING
- To Cockpit Center Sink
- To Transom Shower
- Water Heater
- To Head Sink
- To Galley Sink
Air Conditioning (Option)
CHAPTER 5: ELECTRICAL

Deck Electrical Routings

Dash Layout
CHAPTER 6: LIFTING SLING POSITIONS

REFERENCE POINT
63 7/8"

REFERENCE POINT
18 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></td>
<td>Air Cooled Charge Cooler</td>
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<td>Air, General</td>
<td></td>
<td>Air, Intake (For Combustion)</td>
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<td></td>
<td>Anchor</td>
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<td>Blower</td>
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<td>Compass</td>
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<td></td>
<td>Counterclockwise Rotation</td>
<td>kW</td>
<td>Crankshaft Power</td>
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<td></td>
<td>Elapsed Time</td>
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<td>Electric Generator</td>
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<td>Electrical Preheat for Diesel Engine</td>
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<td>Engage</td>
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<td>Engine</td>
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<td>Engine Air Intake</td>
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<td>Engine Exhaust Gas Temperature</td>
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<td>Engine Inlet Air Filter</td>
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<td>Engine Inlet Air Temperature</td>
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<td>Engine Oil</td>
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<td>Engine Oil Pressure</td>
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<tr>
<td></td>
<td>Engine Rotation Speed, RPM</td>
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<td>Engine Start</td>
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<td>Engine Water Jacket Drain</td>
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<td></td>
<td>Exhaust Gas</td>
<td></td>
<td>Filter</td>
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<td>Freshwater Cooled Charged Air</td>
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<td>Fuel Filter</td>
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<td>Fuel General</td>
<td></td>
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<td>Fuel, Liquid Propane Gas</td>
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<td>Fuel Shut Off</td>
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<td>Fuel Tank, Diesel</td>
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<tr>
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<td>Fuel Tank, Liquid Propane Gas</td>
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<td>Fuel Tank, Unleaded</td>
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<td>Heat Exchanger</td>
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<td>Holding Tank</td>
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<tr>
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<td>Description</td>
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<td>Description</td>
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<td>Hydraulic Oil Filter</td>
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<td>Hydraulic Oil Temperature</td>
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<td><img src="image7" alt="Symbol" /></td>
<td>Hydraulic System Malfunction</td>
<td><img src="image8" alt="Symbol" /></td>
<td>Interior Light</td>
<td><img src="image9" alt="Symbol" /></td>
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<td>Oil Tank</td>
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<td>Propulsion System Trim, Bow Down</td>
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<td><img src="image22" alt="Symbol" /></td>
<td>Propulsion System Trim, Bow Up</td>
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<td>Shift Only Fwd-N-Rev</td>
<td><img src="image27" alt="Symbol" /></td>
<td>Sling Location</td>
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<td><img src="image29" alt="Symbol" /></td>
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<td><img src="image30" alt="Symbol" /></td>
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<td>Transmission Oil</td>
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<td>Transmission Oil Pressure</td>
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<td><img src="image37" alt="Symbol" /></td>
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<td>Trim Tab Operation, Bow Up</td>
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<td>Volume Full</td>
<td><img src="image42" alt="Symbol" /></td>
<td>Volume Half Full</td>
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<td><img src="image44" alt="Symbol" /></td>
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<td><img src="image50" alt="Symbol" /></td>
<td>Windshield Wiper &amp; Washer</td>
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</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 windscreen 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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