SYSTEM SCHEMATIC

Core Installation

- All items labeled A are included in the Optimus Twin Core Pack.
- Refer to Selection Guide for options and quantities required of each item.

ACCESSORIES
- NMEA 2000 Speed Input, H5 harness

H3 CAN BUS HARNESS

DEVICE NET CAN Tee

DEVICE NET CAN Tee & CAN Terminator

PUMP CONTROL MODULE (PCM)

COLOR DISPLAY

SMART CYLINDERS

For 2nd station installations refer to page 2.

HYDRAULIC STEERING PUMP

HYDRAULIC STEERING PUMP

For triple or quad engine installations refer to page 3 & 4.

BULKHEAD HOSES

ELECTRONIC HELM

CAN BUS 1 HARNESS
- Helm to PCM

CAN BUS 2 HARNESS
- CANTrak to H3

ACCESSORIES
- Autopilot, Speed Source, Breakers

NMEA 2000 Speed Input, H5 harness

To Pumps

To Cylinders

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This document is NOT to be used for installation of system components. ONLY refer to your Installation Manual.
SYSTEM SCHEMATIC
2nd Station Installation

OPTIONAL BUZZER
Use when no 2nd Station CANtrak fitted.
(Wired to 1st Station CANtrak, provided with kit.)

ELECTRONIC HELM

COLOR DISPLAY

TERMINATOR REMOVED FROM LOWER STATION BUS

TO LOWER STATION BUS

TO 2ND STATION CANTRAK/BUZZER

DEVICE NET CAN Tee

NOTES
2nd Station harness lengths vary based on:
• Size/position of tower.
• Components installed.
• Desired location of tie in.

PREFERRED
2nd Helm connected directly to unused PCM CAN 1 port.
(NOTE: If harness exceeds 36' alternative daisy chained method MUST be used.)

ALTERNATIVE
2nd Helm daisy chained through lower helm.
(NOTE: If preferred method cannot be accomplished.)
SYSTEM SCHEMATIC

Triple Engine Application

PORT ENGINE
CENTER ENGINE
STARBOARD ENGINE
TIE BAR
*ENGINE BRACKET
PIVOT PLATE
DRIVE BRACKET
ADAPTER
TILLER ARM
ENGINE BRACKET
SYSTEM SCHEMATIC
Quad Engine Application