

ELECTRICAL CODE

BOAT FUNCTIONS – TROLL MOTOR

RED	TROLL MOTOR BATTERY 1 POSITIVE	TO	TROLL MOTOR 1 POSITIVE
BLACK	TROLL MOTOR BATTERY 1 NEGATIVE	TO	TROLL MOTOR 1 NEGATIVE
RED/BLUE	TROLL MOTOR BATTERY 2 POSITIVE	TO	TROLL MOTOR 2 POSITIVE
BLACK/BLUE	TROLL MOTOR BATTERY 2 NEGATIVE	TO	TROLL MOTOR 2 NEGATIVE

ENGINE FUNCTIONS MERCURY OUTBOARDS

BLACK	BATTERY NEGATIVE	TO	IGNITION SWITCH/"M1" POST
BLACK/YELLOW	MAGNETO GROUND	TO	IGNITION SWITCH/"M2" POST
RED	ENGINE MOUNTED FUSE	TO	IGNITION SWITCH/"B" POST
PURPLE	ALTERNATOR OUTPUT	TO	IGNITION SWITCH/"A" POST
YELLOW/BLACK	ELECTRIC CHOKE	TO	IGNITION SWITCH/"C" POST
YELLOW/RED	STARTER SOLENOID	TO	IGNITION SWITCH/"S" POST
TAN	TEMPERATURE SENDER	TO	TEMPERATURE GAUGE/"S" POST
GRAY	TACHOMETER SIGNAL	TO	TACHOMETER GAUGE/"S" POST
TAN/LT. BLUE	TEMPERATURE SENDER	TO	TEMPERATURE BUZZER
LT. BLUE/WHITE	TRIM UP SOLENOID	TO	TRIM UP SWITCH
LT. GREEN/WHITE	TRIM DOWN SOLENOID	TO	TRIM DOWN SWITCH
DK. BROWN/WHITE	TRIM SENDER	TO	TRIM GAUGE/"S" POST

ENGINE FUNCTIONS INBOARD/OUTBOARD ENGINES

BLACK	BATTERY NEGATIVE	TO	ALL GROUND CIRCUITS
RED	BATTERY POSITIVE	TO	IGNITION SWITCH/"B" POST
PURPLE	IGNITION COIL/C. D. UNIT	TO	IGNITION SWITCH/"IGN" POST
YELLOW/RED	STARTER SOLENOID	TO	IGNITION SWITCH/"S" POST
TAN	TEMPERATURE SENDER	TO	TEMPERATURE GAUGE/"S" POST
GRAY	TACHOMETER SIGNAL	TO	TACHOMETER GAUGE/"S" POST
LT. BLUE/YELLOW	OIL PRESSURE SENDER	TO	OIL PRESSURE GAUGE/"S" POST
DK BROWN/WHITE	TRIM SENDER	TO	TRIM GAUGE/"S" POST

ENGINE FUNCTIONS – OMC OUTBOARDS

BLACK	BATTERY NEGATIVE	TO	IGNITION SWITCH/"M1" POST
BLACK/YELLOW	MAGNETO GROUND	TO	IGNITION SWITCH/"M2" POST
RED/BLUE	ENGINE MOUNTED FUSE	TO	IGNITION SWITCH/"B" POST
PURPLE	ALTERNATOR OUTPUT	TO	IGNITION SWITCH/"A" POST
PURPLE/WHITE	ELECTRIC CHOKE	TO	IGNITION SWITCH/"C" POST
YELLOW/RED	STARTER SOLENOID	TO	IGNITION SWITCH/"S" POST
TAN	TEMPERATURE SENDER	TO	TEMPERATURE BUZZER
GRAY	TACHOMETER SIGNAL	TO	TACHOMETER GAUGE/"S" POST

BOAT FUNCTIONS—ALL MODELS

RED/BLACK	TRANSCOM CIRCUIT PROTECTION	TO	DASH CIRCUIT PROTECTION
BLACK	BATTERY NEGATIVE	TO	ALL GROUND CIRCUITS
GRAY/BLUE	NAVIGATION SWITCH	TO	STERN LIGHT
GRAY/GREEN	NAVIGATION SWITCH	TO	BOW LIGHT
DK. BROWN	BILGE PUMP SWITCH (MANUAL)	TO	MANUAL BILGE PUMP
DK. BROWN/ORANGE	LIVWELL SWITCH 1/PUMP	TO	LIVWELL PUMP 1/RIGHT
PINK	MAIN OR STARBOARD GAS SENDER	TO	GAS GAUGE
YELLOW	BLOWER SWITCH	TO	BLOWER
DK. BLUE/YELLOW	INTERIOR LIGHTS SWITCH	TO	INTERIOR LIGHTS
DK. BLUE/WHITE	INTERIOR LIGHTS CIRCUIT PROTECTION	TO	INTERIOR LIGHTS
DK. BROWN/RED	BILGE PUMP CIRCUIT PROTECTION (AUTO)	TO	AUTO BILGE PUMP FLOAT
DK. BROWN/YELLOW	LIVWELL SWITCH/RECIRCULATION	TO	RECIRCULATION/SINK PUMP
DK. BROWN/BLUE	LIVWELL SWITCH 2/PUMP	TO	LIVWELL PUMP 2/LEFT
PINK/BLACK	AUXILIARY OR PORT GAS SENDER	TO	GAS GAUGE
PURPLE/RED	CONTINUOUS POWER SOURCE	TO	RADIO/ACCESSORY
WHITE	HORN SWITCH	TO	HORN
ORANGE	SWITCH POWER SOURCE	TO	RADIO ACCESSORY
GRAY/BLACK	DOCKING LIGHT SWITCH	TO	DOCKING LIGHTS
DK. BLUE	NAVIGATION SWITCH	TO	DASH LIGHTS
PURPLE	IGNITION SWITCH	TO	DASH GAUGES POSITIVE
ORANGE/WHITE	HORN CIRCUIT PROTECTION	TO	HORN SWITCH
ORANGE/GREEN	NAVIGATION CIRCUIT PROTECTION	TO	NAVIGATIONAL SWITCH
ORANGE/YELLOW	BLOWER CIRCUIT PROTECTION	TO	BLOWER SWITCH
ORANGE/DK BROWN	ALL PUMPS CIRCUIT PROTECTION	TO	ALL PUMP SWITCH(ES)
ORANGE/RED	ACCESSORY CIRCUIT PROTECTION	TO	ACCESSORY SWITCH(ES)
ORANGE/BLUE	INTERIOR LIGHTS CIRCUIT PROTECTION	TO	INTERIOR LIGHT SWITCH
ORANGE/BLACK	DOCKING LIGHTS CIRCUIT PROTECTION	TO	DOCKING LIGHT SWITCH
LT. BROWN/ORANGE	STRBRD WIPER SWITCH CONTINUOUS HOT	TO	STRBRD WIPER POS – POST
LT. BROWN/RED	PORT WIPER SWITCH CONTINUOUS HOT	TO	PORT WIPER POS – POST
LT. BROWN/BLACK	STARBOARD WIPER SWITCH	TO	STARBOARD WIPER S-POST
LT. BROWN/BLUE	PORT WIPER SWITCH	TO	PORT WIPER S-POST
CLEAR 18/2 COPPER	RADIO	TO	SPEAKER GROUND
CLEAR 18/2 SILVER	RADIO	TO	SPEAKER POSITIVE
LT. RED/WHITE	TILT/TRIM SWITCH	TO	ENGINE MOUNTED FUSE
LT. BLUE/WHITE	TRIM UP SOLENOID	TO	TRIM UP SOLENOID
LT. GREEN/WHITE	TRIM DOWN SOLENOID	TO	TRIM DOWN SOLENOID

TRIM FUNCTIONS—OMC OUTBOARDS

LT. RED/WHITE	ENGINE MOUNTED FUSE	TO	TILT/TRIM SWITCH
LT. BLUE/WHITE	TRIM UP SOLENOID	TO	TRIM UP SWITCH
LT. GREEN/WHITE	TRIM DOWN SOLENOID	TO	TRIM DOWN SWITCH
DK. BROWN/WHITE	TRIM SENDER	TO	TRIM GAUGE/"S" POST
BLACK/TAN	TRIM SENDER GROUND	TO	TRIM GAUGE/"G" POST