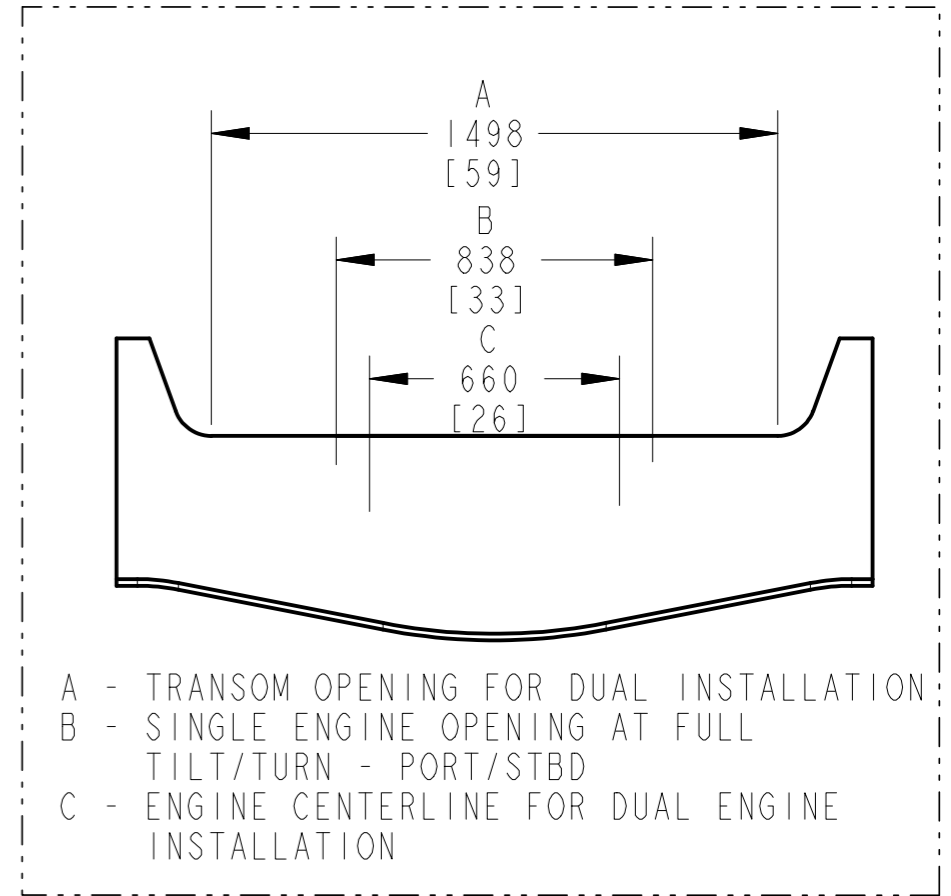
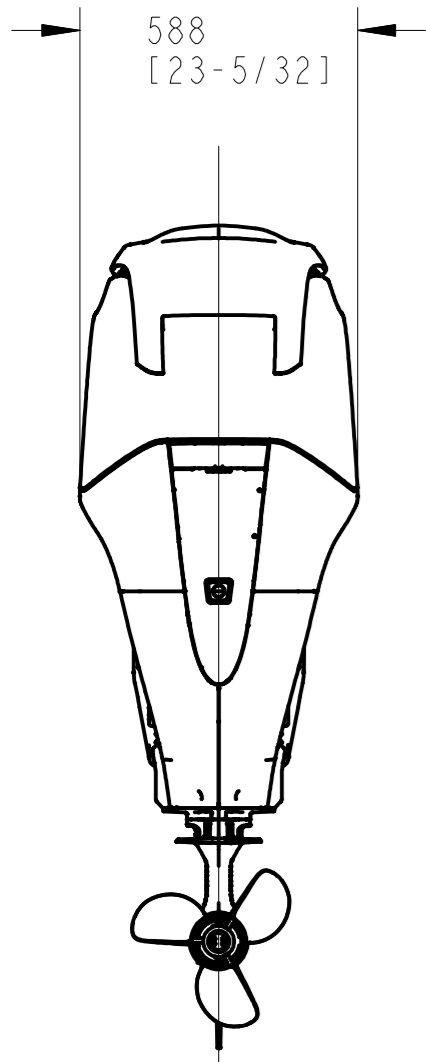
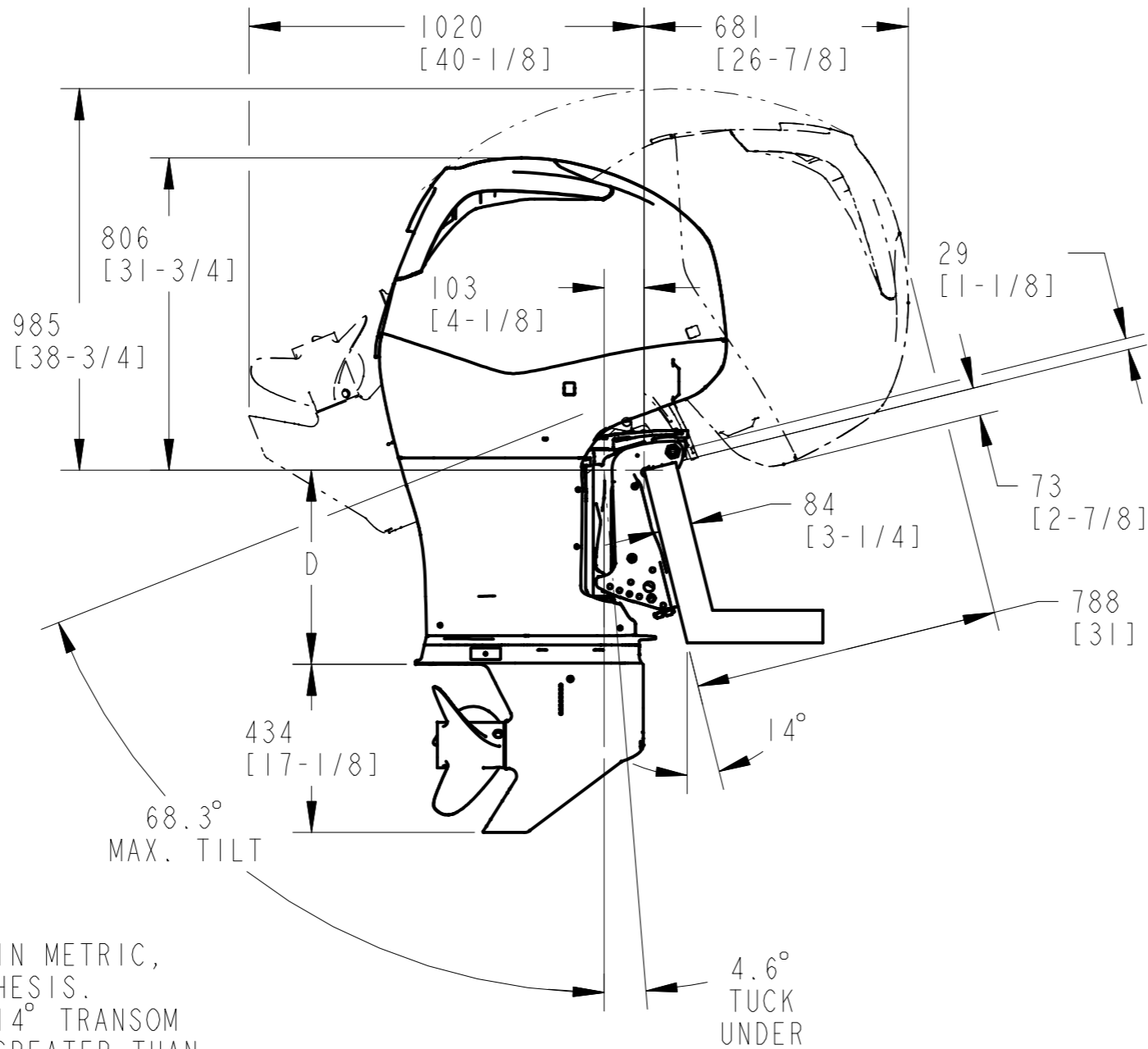
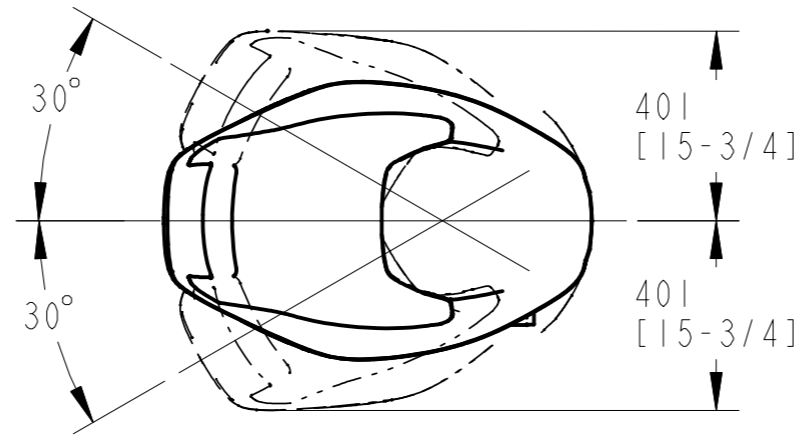


**MODEL L4-SC 135-200 HP**

	LONG SHAFT 20" [508mm]	EXTRA LONG SHAFT 25" [635mm]
--	---------------------------	---------------------------------

D	501 [19-3/4]	628 [24-3/4]
---	-----------------	-----------------

LET	REVISIONS	BY	DATE	ECN
A	DRAWING RELEASE.	UD	22OCT2007	20364-07



- NOTE:
1. PRIMARY DIMENSION UNITS ARE IN METRIC, INCH UNITS ARE WITHIN PARENTHESIS.
  2. TILT POSITION IS BASED ON A 14° TRANSOM ANGLE. A TRANSOM WITH ANGLE GREATER THAN 14° WILL REDUCE THE MAXIMUM TILT ANGLE AND INCREASE TUCK UNDER ANGLE.
  3. SEE ABYC-S-12 STANDARD FOR ALL OTHER DIMENSIONS

0 KPC'S PER MERC SPEC M-251-G AS NOTED BY ■ OR ■

MATERIAL		PER MERC SPEC:	
FINISH		PER MERC SPEC:	
REF SPECS		M-251-G	
THE INFORMATION CONTAINED IN THIS DOCUMENT IS TO BE TREATED AS TRADE SECRET AND CONFIDENTIAL TO MERCURY			
THIRD ANGLE PROJ	UNLESS OTHERWISE SPECIFIED		
	METRIC TOLERANCE		
SCALE: 1:16	LINEAR	DIMENSIONS ARE AFTER PLATING BREAK ALL SHARP EDGES CHAM. TAPPED HOLES 90° X THD DIA MACHINED SURFACES 3.2/	
DO NOT SCALE	ANGLES	THREAD LENGTH = FULL THREADS	
MANUF CAST	MAYL ENG		
MANUF MACH	PURCH		
OC	PRODUCT LINE	TITLE	
APPROVED	L4SC GEN. II	L4SC - INSTALLATION DRAWING	
CHECKED	DATE	PART NUMBER	SHEETS
T. WALCZAK	07-JUN-2007	8M0029900	1 OF 3
T. KRUPP	DESIGNED	UMESHA.D	

LET	REVISIONS	BY	DATE	ECN
A	DRAWING RELEASE.	UD	22OCT2007	20364-07

OUTBOARD TRANSOM MOUNTING HARDWARE -SHIPPED WITH OUTBOARD		
PART NO.	PART NAME	DESCRIPTION
10-67755-1	TRANSOM BOLT	1/2"x20x4.50" LONG (2.25"THREAD)
11-826711-17	NYLON INSERT LOCKNUT	1/2"x20
12-28421	WASHER - INNER	0.516" IDx1.50" OD
12-54012	WASHER - OUTER	0.53" IDx0.87" OD
AVAILABLE TRANSOM MOUNTING BOLTS		
PART NO.	PART NAME	DESCRIPTION
10-67755005	TRANSOM BOLT	1/2"x20x2.50" LONG (1.25" THREAD)
10-67755006	TRANSOM BOLT	1/2"x20x3.50" LONG (1.25" THREAD)
10-814259	TRANSOM BOLT	1/2"x20x4.00" LONG (2.25" THREAD)
10-67755-1	TRANSOM BOLT	1/2"x20x4.50" LONG (2.25" THREAD)
10-67755003	TRANSOM BOLT	1/2"x20x5.50" LONG (3.25" THREAD)
10-67755-2	TRANSOM BOLT	1/2"x20x6.50" LONG (2.75" THREAD)
8M0028080	TRANSOM BOLT	1/2"x20x7.50" LONG (2.75" THREAD)

- NOTES:**
1. STATIC WATERLINE MUST BE BELOW THE IDLE RELIEF OPENING (LOCATED AT REAR OF OUTBOARD) WHEN OUTBOARD IS AT FULL TUCK. INCREASE OUTBOARD MOUNTING HEIGHT OR ADJUST BOAT LOAD IF IDLE RELIEF IS BELOW STATIC WATERLINE FULL TUCK.
  2. ALL MODELS ARE SHIPPED WITH 12 ft. OF 4 AWG BATTERY CABLES. MAX. LENGTH IS THE SUM OF BOTH POSITIVE AND NEGATIVE CABLES.
  3. FLYWHEEL PULLER/OUTBOARD LIFTING PLATE PART NUMBER IS 91-895343T02
  4. ENGINE PROPPING RPM RANGE:  
- 135=5200-6400, 150/175/200=5800-6400
  5. FUEL LINE ID = 9.5mm (3/8in.)
  6. DO NOT USE A PRIMER BULB WITH THIS OUTBOARD
  7. GAS/OIL/LUBRICANT SPECIFICATIONS:  
- MINIMUM FUEL OCTANE RATING:  
a. USA AND CANADA = 87 (R+M)/2  
b. OUTSIDE USA AND CANADA = 90 RON  
- ENGINE OIL=NMMA FC-W SYNTHETIC BLEND  
SAE 25W-40 P/N 92-858052K01 OR SAE 25W-50 P/N 92-858084K01  
- GEARCASE OIL = HIGH PERFORMANCE GEAR LUBRICANT  
P/N 92-802854A1  
- POWER STEERING FLUID = SYNTHETIC POWER STEERING FLUID 0W-30 P/N 92-858002K01  
- HYDRAULIC STEERING FLUID = HYDRAULIC HELM STEERING FLUID P/N 92-862014Q1
  8. TORQUE TRANSOM MOUNTING BOLTS 75 ±7 N-m [55 ±5 lb-ft]

**STEERING LINK ROD ATTACHING KIT  
(STANDARD ON GEN. II MODELS)**

PART NO.	KIT APPLICATION
92876A12	FOR STARBOARD CABLE ENTRY.

**DUAL CABLE - SINGLE OUTBOARD STEERING ATTACHING KIT  
(MECHANICAL)**

PART NO.	KIT APPLICATION
92876A8	FOR STARBOARD CABLE ENTRY.

**DUAL OUTBOARD TIE BAR KIT (MECHANICAL)**

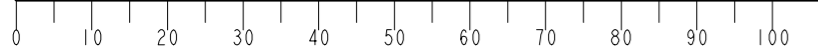
PART NO.	KIT APPLICATION
92876A1	FOR OUTBOARD CENTER LINE SPACING OF 56.0 cm (22") THRU 67.3 cm (26 1/2")
8149514	EXTENSION COUPLER OR OUTBOARD CENTER LINE SPACING OF 67.3 cm (26 1/2 ") THRU 75.5 cm (30 1/2")

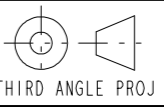
**STEERING CYLINDER - HYDRAULIC OR POWER STEERING (OPTIONAL)**

PART NO.	KIT APPLICATION
898349A01	STEERING CYLINDER - HYDRAULIC OR POWER STEERING

**BATTERY CABLES (SEE NOTE 2)**

AWG	MAX LENGTH- Meters/(Feet)
2	12.0 (40)
1	15.2 (50)
1/0	19.6 (64)
2/0	24.4 (80)



MATERIAL	PER MERC SPEC:	
FINISH	PER MERC SPEC:	
REF SPECS	M-251-G	
THE INFORMATION CONTAINED IN THIS DOCUMENT IS TO BE TREATED AS TRADE SECRET AND CONFIDENTIAL TO MERCURY		
 THIRD ANGLE PROJ	UNLESS OTHERWISE SPECIFIED	
	<b>METRIC TOLERANCE</b>	DIMENSIONS ARE AFTER PLATING BREAK ALL SHARP EDGES CHAM. TAPPED HOLES 90° X THD DIA MACHINED SURFACES $3.2/\sqrt{\phantom{x}}$ THREAD LENGTH = FULL THREADS
SCALE: 1:16	LINEAR	
DO NOT SCALE	ANGLES	
MANUF CAST	MANUF ENG	
MANUF MACH	PURCH	
OC	PRODUCT LINE	TITLE
APPROVED	L4SC GEN. II	<b>L4SC - INSTALLATION DRAWING</b>
T. WALCZAK	DATE	PART NUMBER
	07-JUN-2007	<b>8M0029900</b>
CHECKED	DESIGNED	SHEETS
T. KRUPP	UMESHA.D	<b>2 of 3</b>

**DUAL OUTBOARD TIE BAR APPLICATION  
(OPTIONAL HYDRAULIC/POWER STEERING)**

LET	REVISIONS	BY	DATE	ECN
A	DRAWING RELEASE.	UD	22OCT2007	20364-07

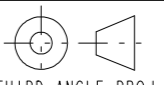
PART NO.	KIT APPLICATION		
64-892789Q02	FOR OUTBOARD CENTER LINE SPACING OF 66.0cm (26")		
64-892789Q03	FOR OUTBOARD CENTER LINE SPACING OF 71.1cm (28")		
64-892789Q09	FOR OUTBOARD CENTER LINE SPACING OF 73.7cm (29")		
64-892789Q05	FOR OUTBOARD CENTER LINE SPACING OF 76.2cm (30")		
64-892789Q06	FOR OUTBOARD CENTER LINE SPACING OF 81.3cm (32")		
64-892789Q07	FOR OUTBOARD CENTER LINE SPACING OF 86.4cm (34")		
64-892789Q04	FOR OUTBOARD CENTER LINE SPACING OF 91.5cm (36")		
OUTBOARD CENTER LINE SPACING	TIE BAR ASSEMBLED LENGTH	TIE ROD LENGTH	TIE ROD NUMBER
66.0cm (26")	29.2cm (11.5")	15.9cm (6.25")	898465026
71.1cm (28")	34.3cm (13.5")	21.0cm (8.25")	898465028
73.7cm (29")	36.8cm (14.5")	23.5cm (9.25")	898465029
76.2cm (30")	39.4cm (15.5")	26.0cm (10.25")	898465030
81.3cm (32")	44.5cm (17.5")	31.1cm (12.25")	898465032
86.4cm (34")	49.5cm (19.5")	36.2cm (14.25")	898465034
91.5cm (36")	54.6cm (21.5")	41.3cm (16.25")	898465036

**NOTICE**

THESE DUAL OUTBOARD TIE BAR KITS ARE DESIGNED TO A MAXIMUM COMBINED HORSEPOWER CAPACITY OF:  
 - 500 HP COUNTER (ONE RIGHT HAND AND ONE LEFT HAND) ROTATION OUTBOARDS  
 - 250 HP STANDARD (TWO RIGHT HAND) ROTATION OUTBOARDS

**IMPORTANT NOTICE:**

DUAL OUTBOARD INSTALLATIONS UTILIZING THE KIT SUPPLIED TIE BAR MUST HAVE THE OUTBOARD CENTER LINE SPACING MATCHED TO TIE BAR SPECIFICATION. TIE BAR INSTALLATIONS ALLOW FOR A  $\pm 9.5\text{mm}$  (3/8") TOLERANCE BETWEEN OUTBOARD CENTER LINE SPACING

MATERIAL	PER MERC SPEC:	
FINISH	PER MERC SPEC:	
REF SPECS	M-251-G	
THE INFORMATION CONTAINED IN THIS DOCUMENT IS TO BE TREATED AS TRADE SECRET AND CONFIDENTIAL TO MERCURY		
 THIRD ANGLE PROJ	<b>UNLESS OTHERWISE SPECIFIED</b>	
	<b>METRIC TOLERANCE</b>	DIMENSIONS ARE AFTER PLATING BREAK ALL SHARP EDGES CHAM. TAPPED HOLES 90° X THD DIA MACHINED SURFACES $3.2/\sqrt{\quad}$ THREAD LENGTH = FULL THREADS
SCALE: 1:16	LINEAR	
DO NOT SCALE	ANGLES	
MANUF CAST	MANUF ENG	
MANUF MACH	PURCH	
QC	PRODUCT LINE	TITLE
APPROVED	L4SC GEN. II	<b>L4SC - INSTALLATION DRAWING</b>
T. WALCZAK	DATE	PART NUMBER
	07-JUN-2007	<b>8M0029900</b>
CHECKED	DESIGNED	SHEETS
T. KRUPP	UMESHA.D	<b>3 OF 3</b>

