



# DATUMS:

- A- - MOUNTING FACE OF FLYWHEEL
- B- - ENGINE CRANKSHAFT HORIZONTAL CENTERLINE
- C- - ENGINE CRANKSHAFT VERTICAL CENTERLINE
-  - CENTER OF GRAVITY OF ENGINE
-  - CLOCKWISE ROTATION WHEN VIEWED FROM FRONT OF ENGINE

**CAUTION:**  
ALL PLUMBING MUST BE SUPPORTED  
AND/OR ISOLATED SO THAT NO WEIGHT  
OR STRESS IS APPLIED TO ANY ENGINE COMPONENT

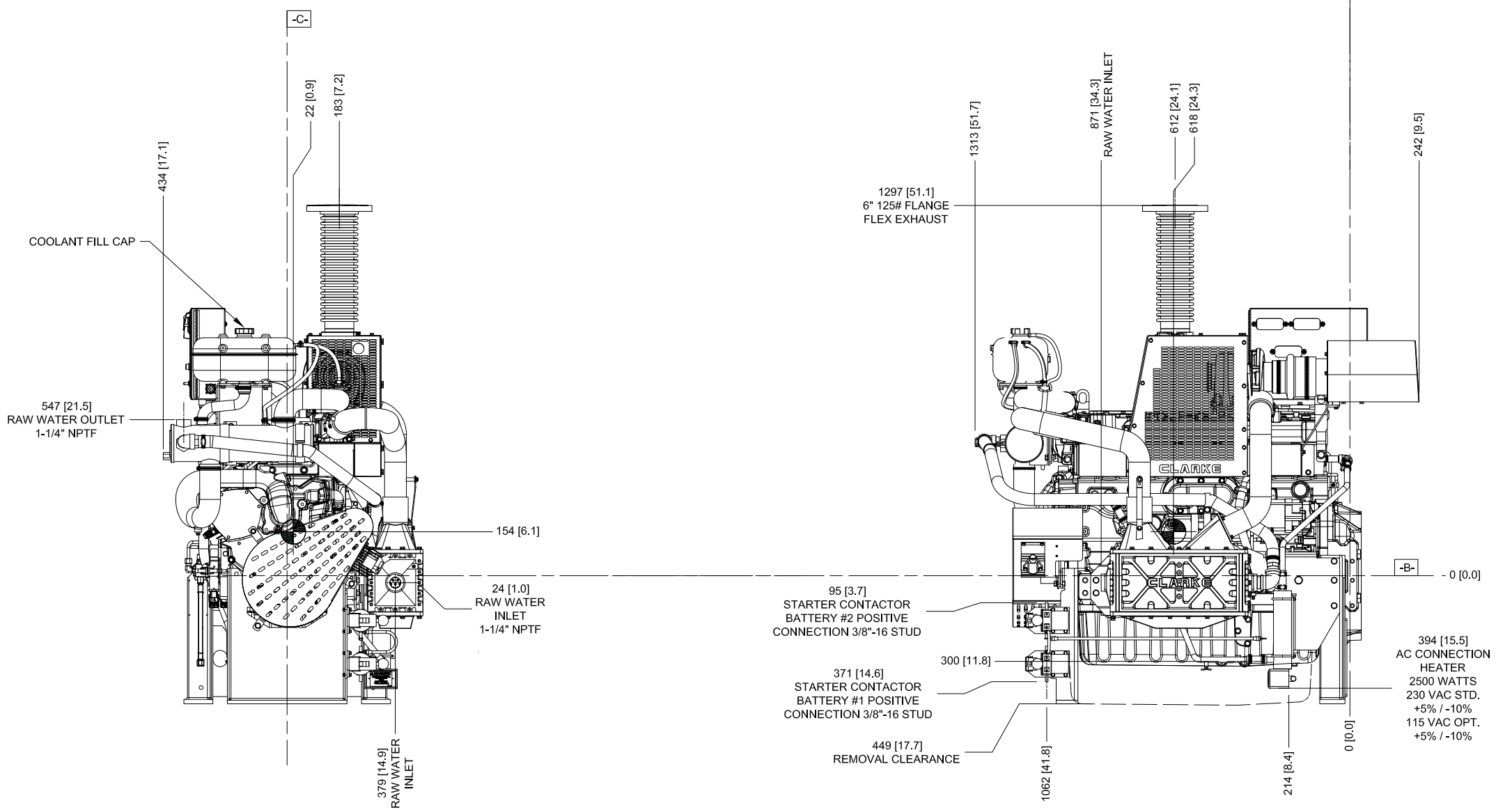
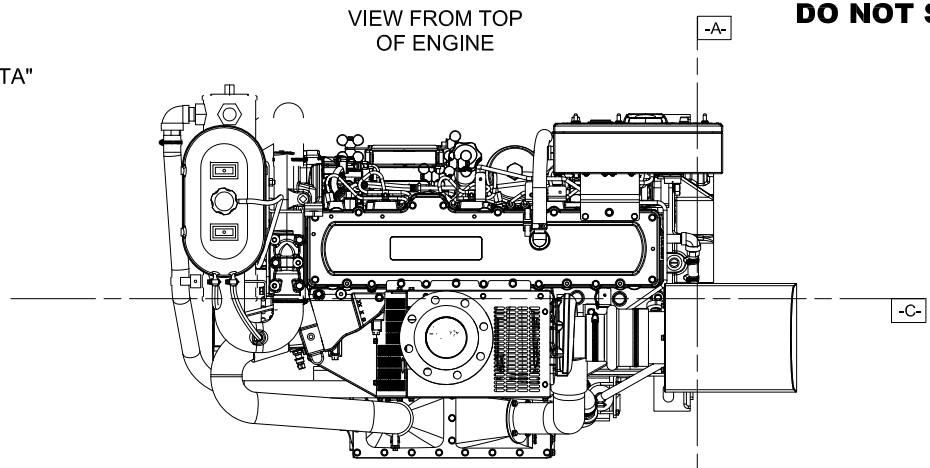
**ATTENTION**  
REFER TO THE SPECIFIC MODEL  
"INSTALLATION AND OPERATION DATA"  
FOR INSTALLATION GUIDELINES

VIEW FROM TOP  
OF ENGINE

**DO NOT SCALE**

"TRWA"  
(TURBOCHARGED w/  
RAW WATER AFTERCOOLING)  
MODELS

JW6H-UFAAM8 &  
JW6H-UFAA80



**DRAWING SUBJECT  
TO CHANGE  
WITHOUT NOTICE**

REV	DESCRIPTION	ECN#	DWN	APVD	DATE
A	ISSUED ENGINEERING DRAWING	1720	MAL	<i>KFE</i>	13MAY09
B	FLYWHEEL HOUSING HOLES WERE INCORRECTLY NOTED AS 3/8" THREADED	2293	DKP	<i>KFE</i>	05MAY11

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**CLARKE**  
Fire Protection Products, Inc.

CONTROLLED DRAWING

DRWN: MALAUER  
DATE: 13-May-09  
ENGR: KJKUNKLER

NAME: INSTALLATION DRAWING, FIRE PUMP ENGINE JW6H NON-EMISSIONIZED MODELS

PART NO: D636

SCALE: NTS  
UNITS: MM [INCH]

ASSEMBLY

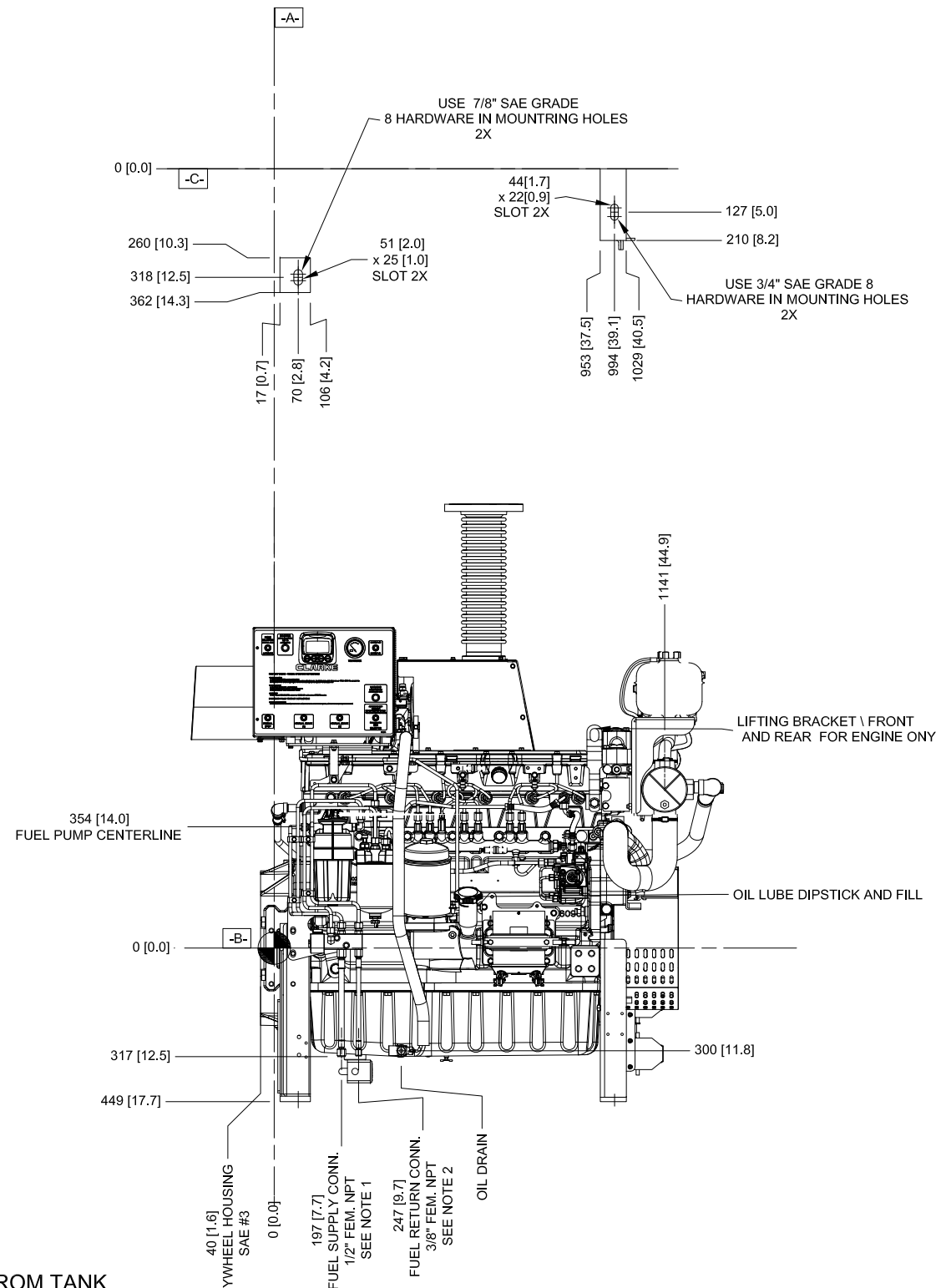
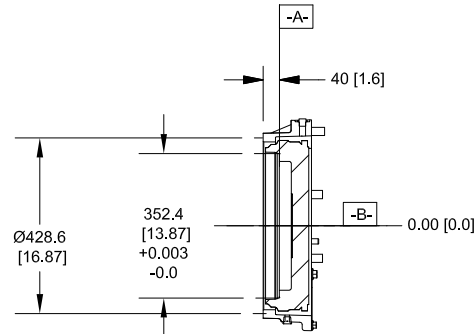
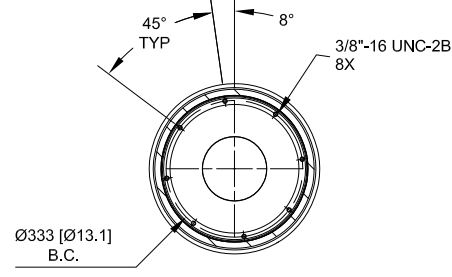
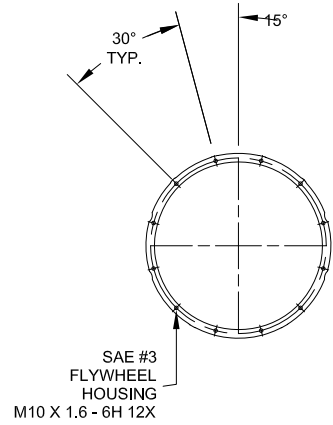
REV B

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DO NOT SCALE

FOR ENGINE SPECIFIC OPTIONS  
SEE [www.CLARKEFIRE.com](http://www.CLARKEFIRE.com)

DETAIL DATUM -E-  
BARE FLYWHEEL  
NO. TEETH = 129



- NOTES:
1. FUEL SUPPLY PIPING FROM TANK TO ENGINE SHOULD BE 1/2" MINIMUM PIPE DIAMETER.
  2. FUEL RETURN PIPING FROM ENGINE TO TANK SHOULD BE 3/8" MINIMUM PIPE DIAMETER.

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MACHINE TOLERANCE DECIMAL mm Inch X ± 1.5 XX ± 0.8 ± 0.06 XXX ± 0.3 ± 0.03 XXXX ± 0.25 ± 0.01 XXXXX ± 0.01 ± 0.001		DRWN MALAUER DATE 13-May-09 ENGR KJKUNKLER		NAME <b>INSTALLATION DRAWING, FIRE PUMP ENGINE JW6H NON-EMISSIONIZED MODELS</b>	
ANGULAR: ± 0.5° FABRICATION TOLERANCE DECIMAL mm Inch X ± 3 XX ± 1.5 ± 0.12 XXX ± 0.8 ± 0.08 ANGULAR: ± 1.0°		MATERIAL ASSEMBLY		PART NO. <b>D636</b> REV <b>B</b>	
		SCALE NTS UNITS MM [INCH]		PAGE 2 OF 2	