1 INPUT GROUP REFERENCE PLANE

2 PTO ADAPTER MOUNTING FACE

3 LEFT BRACKET MOUNTING FACE

4 RIGHT BRACKET MOUNTING FACE

5 LIVE PTO PUMP MOUNTING FACE

NOTES:

A. MANUAL OVERRIDE VALVE OPERATION
   1. THE MANUAL OVERRIDE FEATURE FOR THE PRIMARY AND SECONDARY SOLENOIDS MUST NEVER BE ENGAGED SIMULTANEOUSLY.
   2. THE MANUAL OVERRIDE BUTTON FOR BOTH THE PRIMARY AND SECONDARY SOLENOIDS MUST BE IN THE NEUTRAL POSITION TO OPERATE EITHER SOLENOID ELECTRICALLY.
   3. TO ENGAGE PRIMARY CLUTCH USING THE MANUFAL OVERIDE
      a. REMOVE PROTECTIVE CAP FROM THE PRIMARY SOLENOID
      b. PUSH BUTTON DOWN
      c. CONTINUE TO PUSH BUTTON AND ROTATE CLOCKWISE 180°
      d. RELEASE BUTTON
   4. TO ENGAGE SECONDARY CLUTCH USING THE MANUFAL OVERIDE
      a. REMOVE PROTECTIVE CAP FROM THE SECONDARY SOLENOID
      b. PUSH BUTTON DOWN
      c. CONTINUE TO PUSH BUTTON AND ROTATE CLOCKWISE 180°
      d. RELEASE BUTTON
   5. TO RETURN EITHER OF THE PRIMARY OR SECONDARY MANUAL OVERRIDE TO THE NEUTRAL POSITION:
      a. PUSH BUTTON DOWN
      b. CONTINUE TO PUSH BUTTON AND ROTATE COUNTER-CLOCKWSE 180°
      c. RELEASE BUTTON
      d. INSTALL PROTECTIVE CAP OVER THE MANUAL OVERRIDE BUTTON

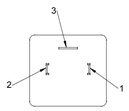
B. REFERENCE S930 FOR TWIN DISC REQUIREMENTS FOR PRESSURE AND TEMPERATURE ALARM LEVELS.

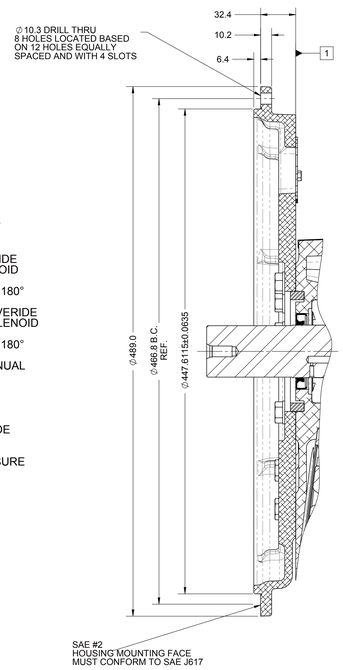
WIRING DIAGRAM :

TERMINAL 1 :+ VDC

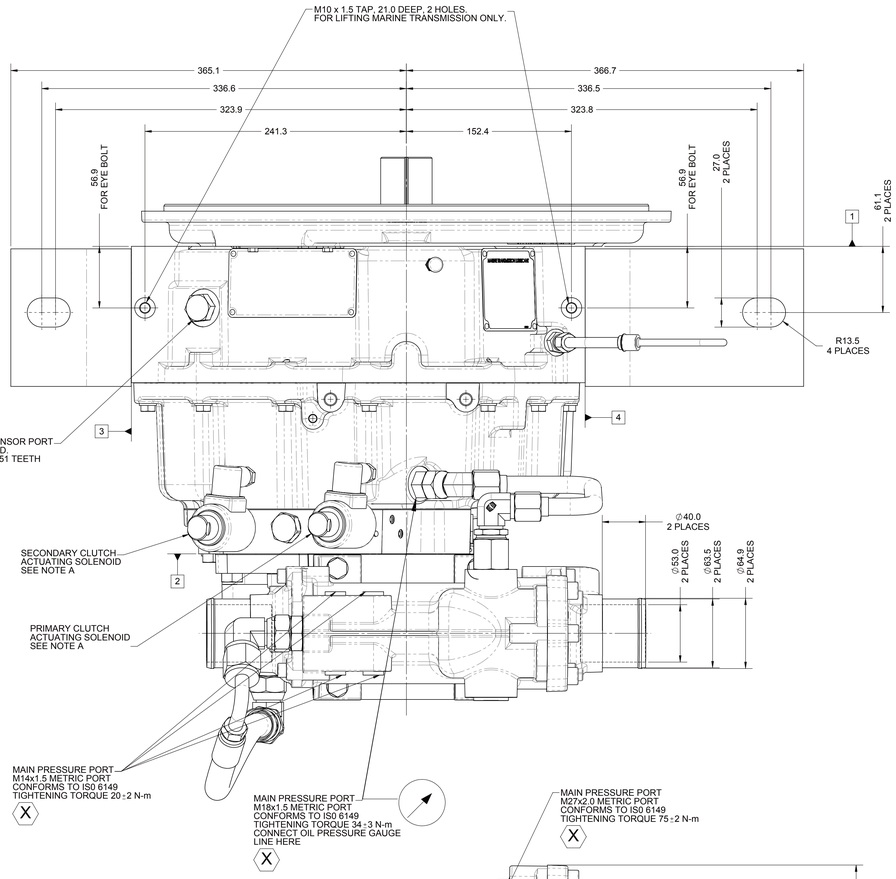
TERMINAL 2 :0 VDC

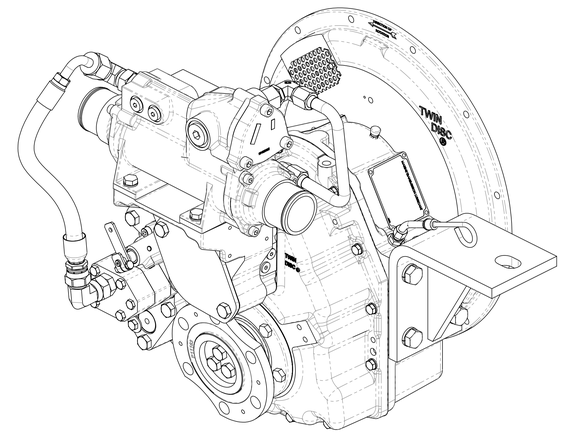
TERMINAL 3 :GROUND

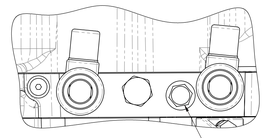




SECTION B-B

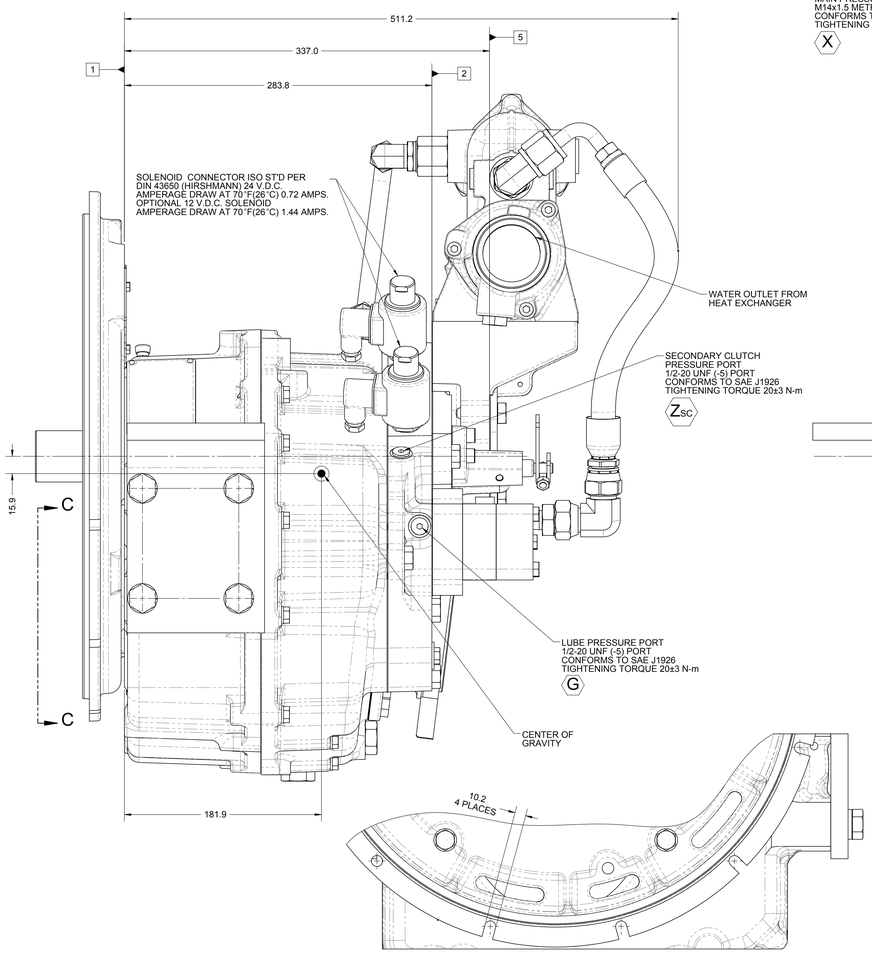




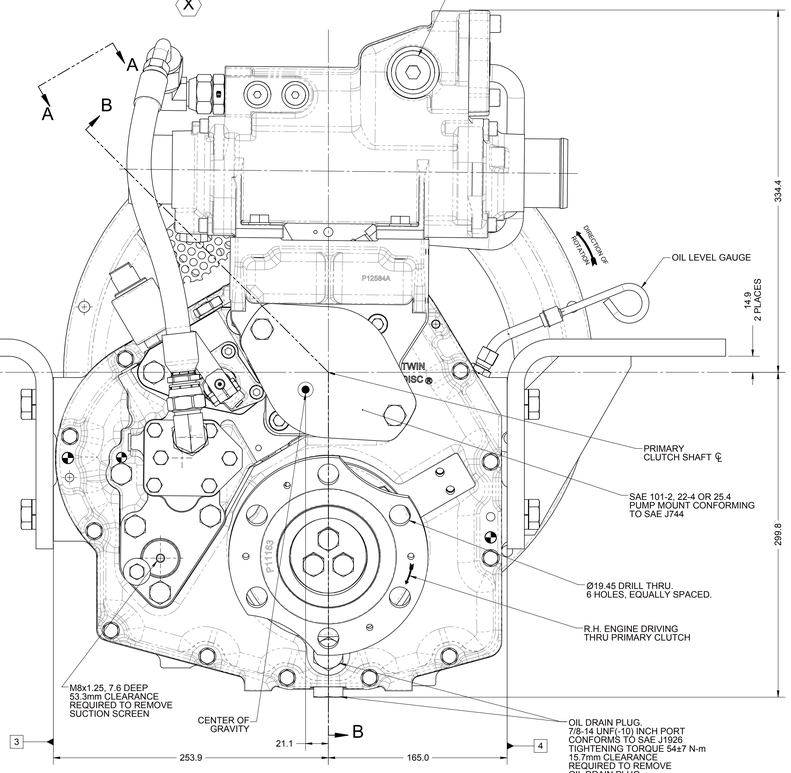


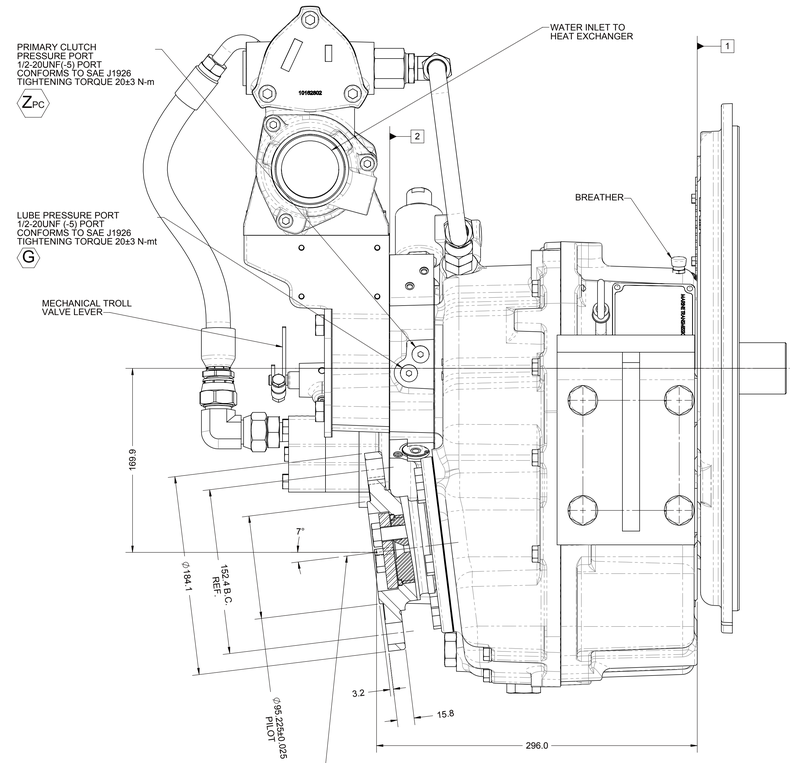
VIEW A-A

OIL FILL PORT
M22X1.5 METRIC PORT
TIGHTENING TORQUE 54 ±5 N-m



SECTION C-C





EQUIPMENT SHOWN:
- MG-5065A PER PX11165B ASSEMBLY
- ELECTRICAL CONTROL VALVE WITH MECHANICAL TROLLING VALVE
- SAE #2 HOUSING ADAPTER
- SAE J744 101-2/4, 22-4 OR 25-4 LIVE PTO HOUSING ADAPTER
- PM13008 MOUNTED HEAT EXCHANGER
- 1016428AW MOUNTING BRACKET

NOTES:

ALL POINTS AVAILABLE FOR TESTING ARE CODED

FIRST USE ASSEMBLY: PX11165B FIRST USE MODEL: MG-5065A SIMILAR TO:	WEIGHT: 158.43 lbs / kg	THIRD ANGLE PROJECTION	MATERIAL:	DATE: 05/05/2014	TWIN DISC RACINE, WI 53403 - USA
METRIC	UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.05 X.X ±0.25 X.XX ±0.13 ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994		HEAT TREAT:	SCALE: 1/2	
NOTICE: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF TWIN DISC, INCORPORATED OWN NOTICE IS NOT INTENDED TO BE LOST OR LIMITED RIGHTS GRANTED TO THE U.S. GOVERNMENT, OR OTHERS BY CONTRACT.			DESCRIPTION: INSTALLATION MG-5065A	DRAWN BY: PM CHECKED BY: ALC APPROVED BY: ALC	DWG SIZE: A0 SHEET: 1 OF 1 REV: -0001

-0001
REV. CHANGE NO. DATE

J I H G F E D C B A