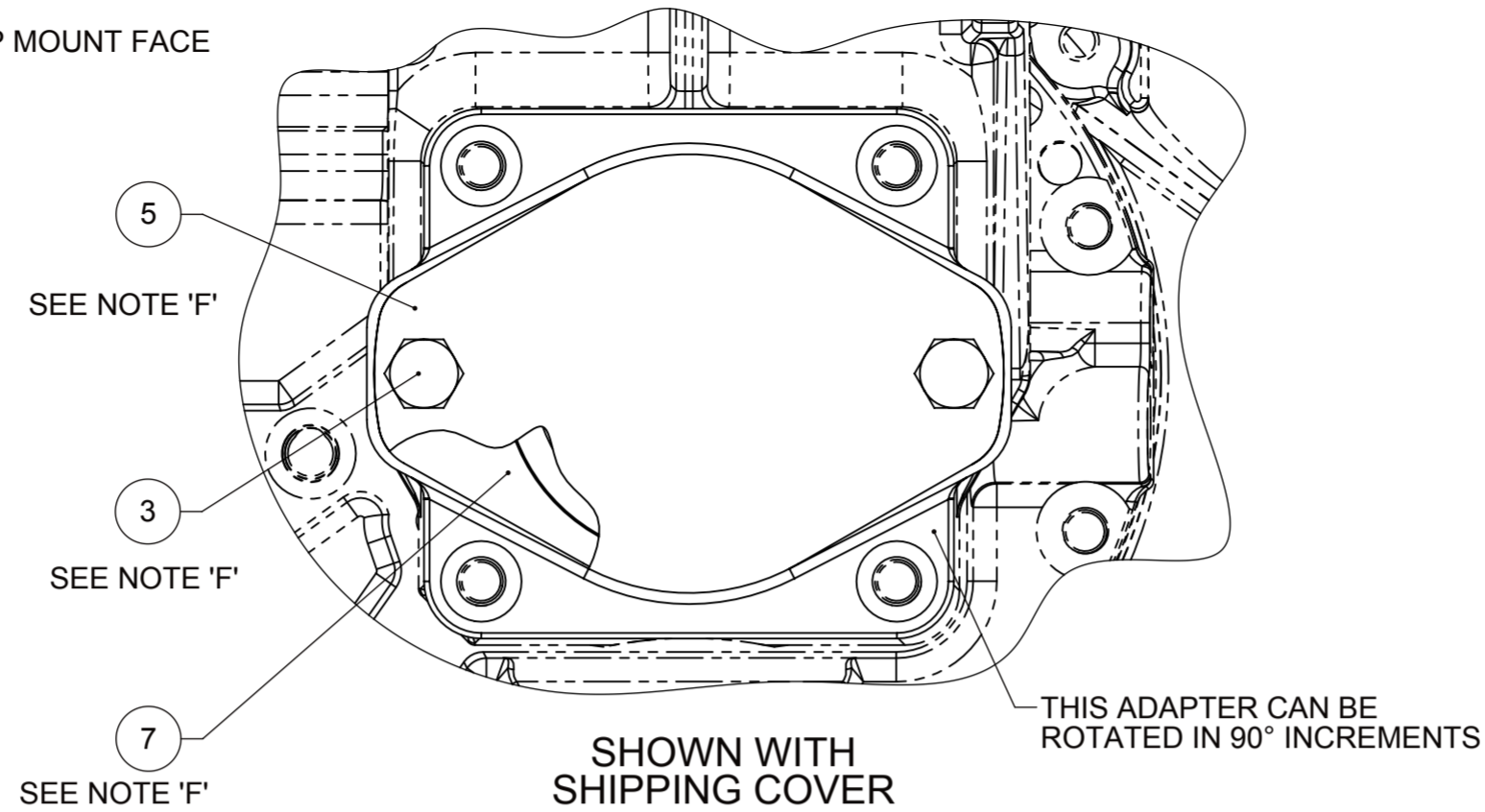
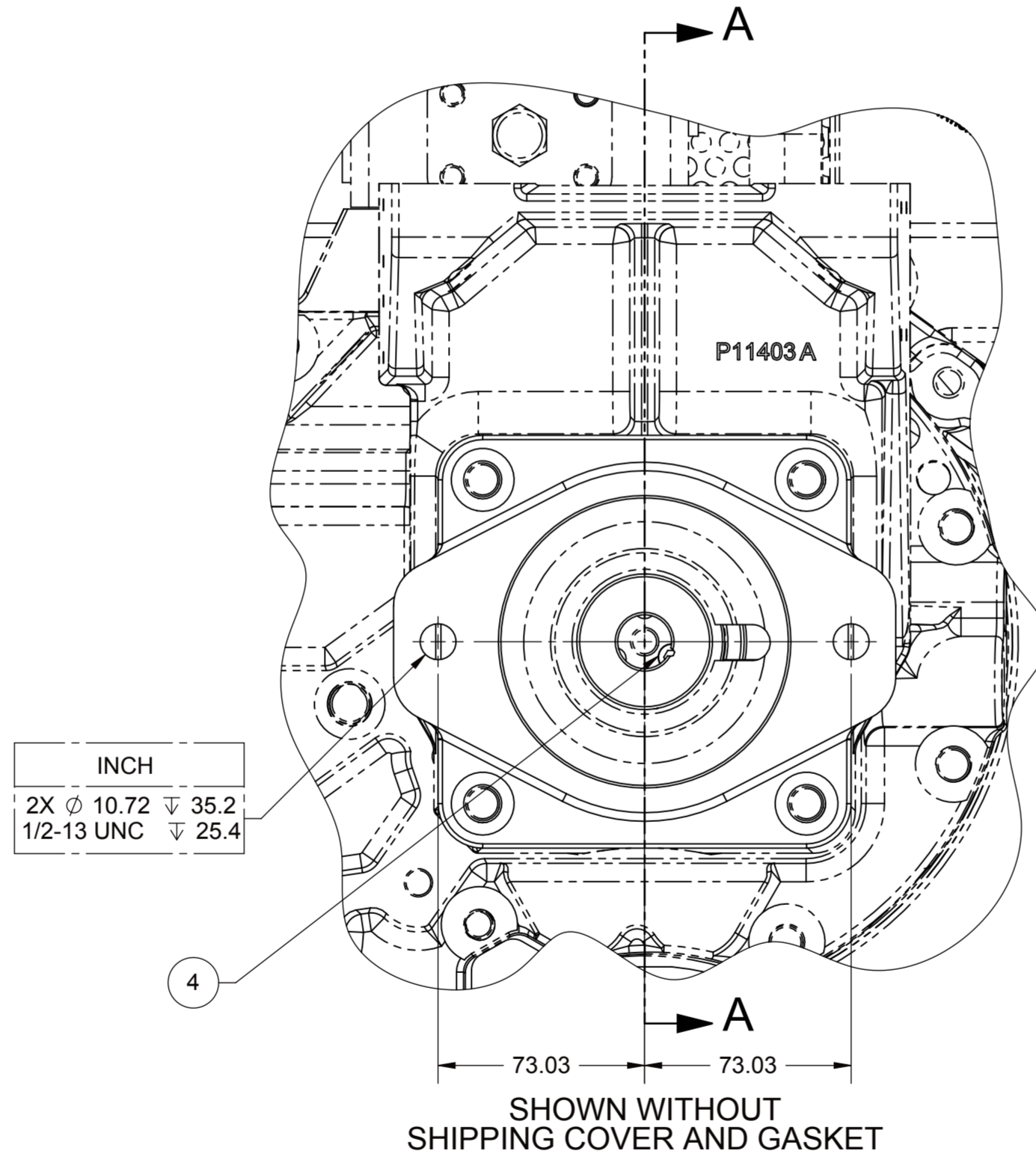
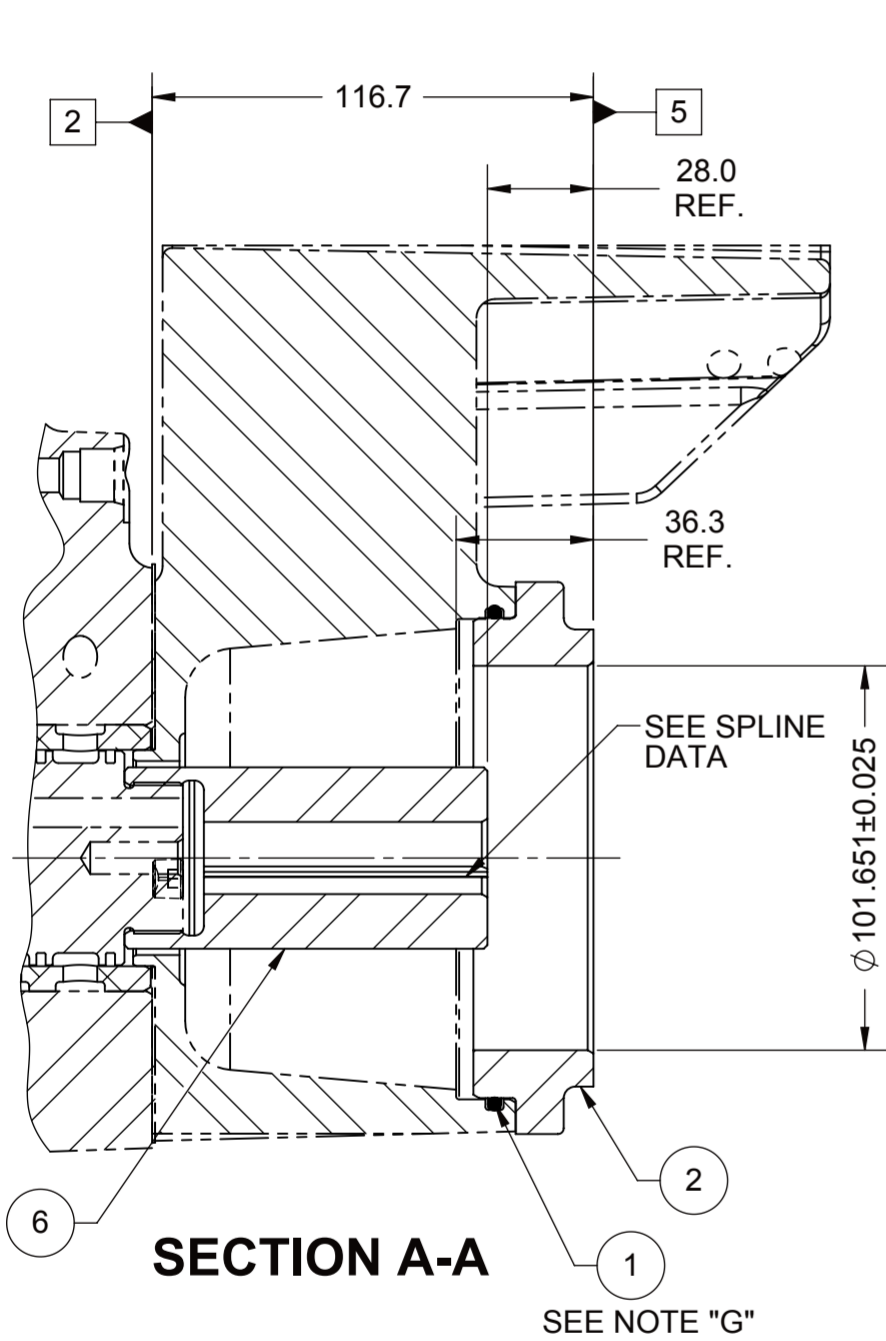
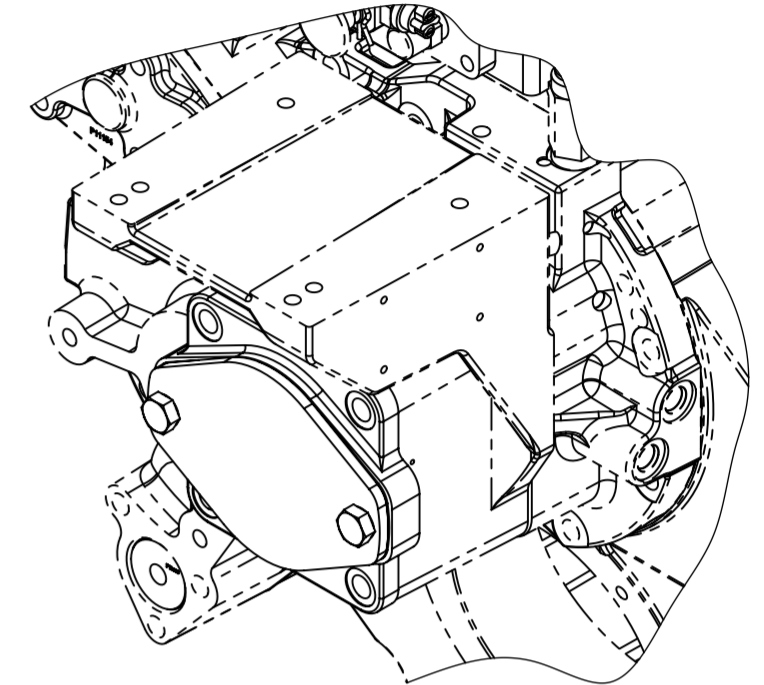


INTERNAL SPLINE DATA		(REF) TWIN DISC ENGR. STD. S435	
ROOT FLAT	PRESSURE ANGLE	30°	(REF.) BEFORE HEAT TREAT
NO. OF TEETH 13	PITCH	16/32	
PITCH DIA (REF) .8125	FORM DIA. MIN.	.866	
MAJOR DIAMETER		.884	----
		.886	
CIRCULAR SPACE WIDTH	MIN. EFF.	.0982	.0991
	MAX. ACT.	.1010	.1007
MEASUREMENT BETWEEN .1080 DIA. PINS WITH NONE TO FLAT	MAX.	.6487	.6502
	MIN.	.6536	.6529
SPLINE DATA IN INCHES			

- 2 PTO ADAPTER MOUNTING FACE
- 5 LIVE PTO PUMP MOUNT FACE



BILL OF MATERIAL			
ITEM NO.	Default/ QTY.	PART NO.	DESCRIPTION
1	1	A2916HB	RING, O
2	1	B3541B	ADAPTER, HOUSING
3	2	M2004C	HEX HD CAPSCREW
4	1	M2051GU	PLUG, PIPE
5	1	214371	PLATE, COVER
6	1	1029866	ADAPTER, SPLINED
7	1	213750A	GASKET
8	INCLUDE (1) COPY OF DRAWING 1029865		



INCH
2X Ø 10.72 ∇ 35.2
1/2-13 UNC ∇ 25.4

ASSEMBLY INSTRUCTIONS:

- FOR MG-5136A & MGX-5136A SEE S570DX SECTION I. FOR INSTRUCTIONS. REFERENCE S570DX FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- FOR MG-5136SC & MGX-5136SC SEE S570DW SECTION I. FOR INSTRUCTIONS. REFERENCE S570DW FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- FOR MG-5146A & MGX-5146A SEE S570EA SECTION I. FOR INSTRUCTIONS. REFERENCE S570EA FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- FOR MG-5146SC & MGX-5146SC SEE S570EB SECTION I. FOR INSTRUCTIONS. REFERENCE S570EB FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- ALL FASTENERS, FITTINGS AND PLUGS TO BE TORQUED PER S574.

FIELD INSTALLATION INSTRUCTIONS:

THIS INSTALLATION REQUIRES USE OF 1025672, (127-4, GROUP, PTO, SAE ADAPTER HSG & H.E. BRACKET)

- A. REMOVE M2051F(PLUG) FROM PRIMARY SHAFT & REPLACE WITH M2051GU (PLUG, PIPE)
- B. INSTALL 1029866 (ADAPTER, SPLINED) ONTO SHAFT. NO ASSEMBLY TORQUE REQUIRED. SPLINED ADAPTER WILL SELF LOCK INTO POSITION DURING OPERATION.
- C. INSTALL B3541B ADAPTER INTO P11403A MOUNTING BRACKET HOUSING.
- D. USE A2916HB O-RING BETWEEN B3541B ADAPTER HOUSING AND P11403A MOUNTING BRACKET HOUSING.
- E. TORQUE ALL SCREWS, STUDS AND NUTS TO S574 VALUES UNLESS OTHERWISE SPECIFIED.

APPLICATION NOTES:

- MAX. APPROVED INPUT TORQUE TO SAE J744 22-4 SIZE PUMP ADAPTER: 197 N-m.
- FOR USE ON RH ENGINES ONLY
- CONSULT SALES DEPARTMENT APPLICATION ENGINEERS FOR OTHER LIMITING CONDITIONS.

NOTES:

- F. 214371 PLATE, 213750A GASKET AND M2004C BOLT ARE FOR SHIPPING PURPOSES ONLY. REMOVE THESE PARTS AND INSTALL PUMP PRIOR TO OPERATING.
- G. 'O' RING SUPPLIED LOOSE IN A BAG; WHEN INSTALLING DEVICE ON PTO, INSTALL A2916HB 'O' RING

APPLICABLE MODELS:

MG-5136A PER 1027557 ASSEMBLY
 MG-5136SC PER 1027560 ASSEMBLY
 MG-5146A PER 1027902 ASSEMBLY
 MG-5146SC PER 1027904 ASSEMBLY

MGX-5136A PER 1025600 ASSEMBLY
 MGX-5136SC PER 1027445 ASSEMBLY
 MGX-5146A PER 1027596 ASSEMBLY
 MGX-5146SC PER 1027661 ASSEMBLY

SAE J744 NO. 101-2 FLANGE AND SAE J744 NO 22-4 PUMP DRIVE ADAPTER

FIRST USE ASSEMBLY: 1025600	WEIGHT: 3.17 kg	THIRD ANGLE PROJECTION	MATERIAL:	DATE: 04/23/2015
FIRST USE MODEL: MGX-5136A	WR: .0036 kg-m ²		HEAT TREAT:	SCALE: 1:2
SIMILAR TO:		UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.75 XX ±0.25 XXX ±0.13	DESCRIPTION: GROUP, PTO SAE J744 101-2, 22-4 LIVE PTO	DRAWN BY: MG
NOTICE! THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TWIN DISC, INCORPORATED THIS NOTICE IS NOT INTENDED TO NULLIFY OR LIMIT RIGHTS GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.			GEOMETRIC TOLERANCING PER ASME Y14.5M 1994	CHECKED BY: NFC
				APPROVED BY: NFC
				DWG SIZE: A2
				SHEET: 1 OF 1
				REV: -

D

C

B

A