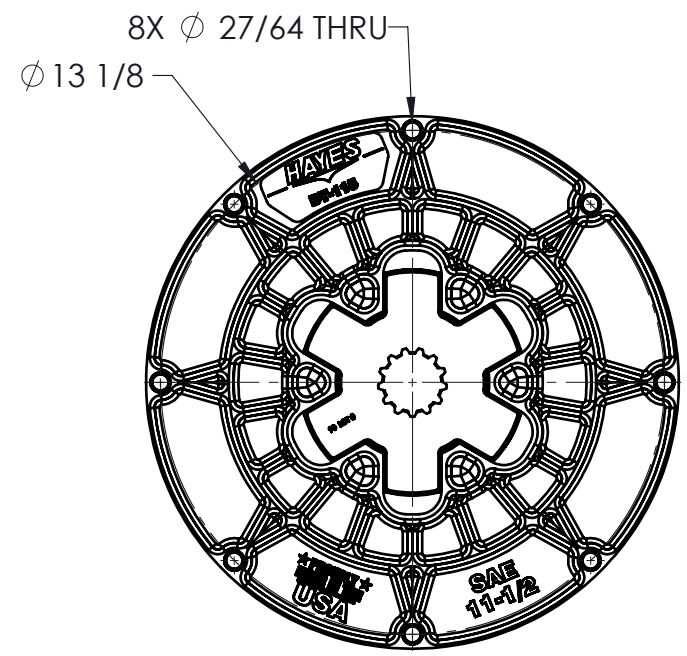


CUSTOMER DRAWING

REVISIONS					
ZONE	REV.	DESCRIPTION	DATE	APR 1	APR 2



COUPLING IS NOT SERVICABLE

SEE PUMP DRIVE TABLE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DT-115-QA	DRIVE PLATE	1
2	HDT2-90	HEX-FLX HUB	1
3	123008-KS4	PUMP MOUNT PLATE	1

PUMP DRIVE SPECS	
FLYWHEEL	SAE 11.5
HOUSING	SAE 3
PUMP FLANGE	SAE D 2-BOLT
PUMP SHAFT	13T 8/16 "D-E"

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UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ±1/32  
ANGULAR: MACH±1/2°  
TWO DECIMAL ±.01  
THREE DECIMAL ±.005  
FOUR DECIMAL ±.0005

**SYMBOLS**  
□ FLATNESS  
○ ROUNDNESS  
// PARALLELISM  
∅ DIAMETER  
"R" RADIUS  
⊙ CONCENTRICITY  
⊕ TRUE POSITION  
⊥ PERPENDICULARITY  
↗ CIRCULAR RUN OUT  
↘ TOTAL RUN OUT  
┌ COUNTERBORE  
└ COUNTERSINK  
▽ HOLE DEPTH  
≡ SYMMETRIC

CLASS  
SAE 11.5

DESCRIPTION  
11-1/2,3,13T8/16,D2

MAKE  
X

WEIGHT  
67.5 LB

HEAT TREAT

BUY

VOLUME  
CU.IN.

FINISH

	NAME	DATE
DRAWN	PJH	06/15/22
PCM APPR.	HM	06/22/22
ENG APPR.	ZS	06/22/22
SHIP. APPR.	NA	
QA APPR.	JM	06/22/22
MATERIAL		

TITLE:  
HEX~FLX COUPLING WITH  
PUMP MOUNT KIT

DWG. NO.  
DT-115-HDT2-90-KS4

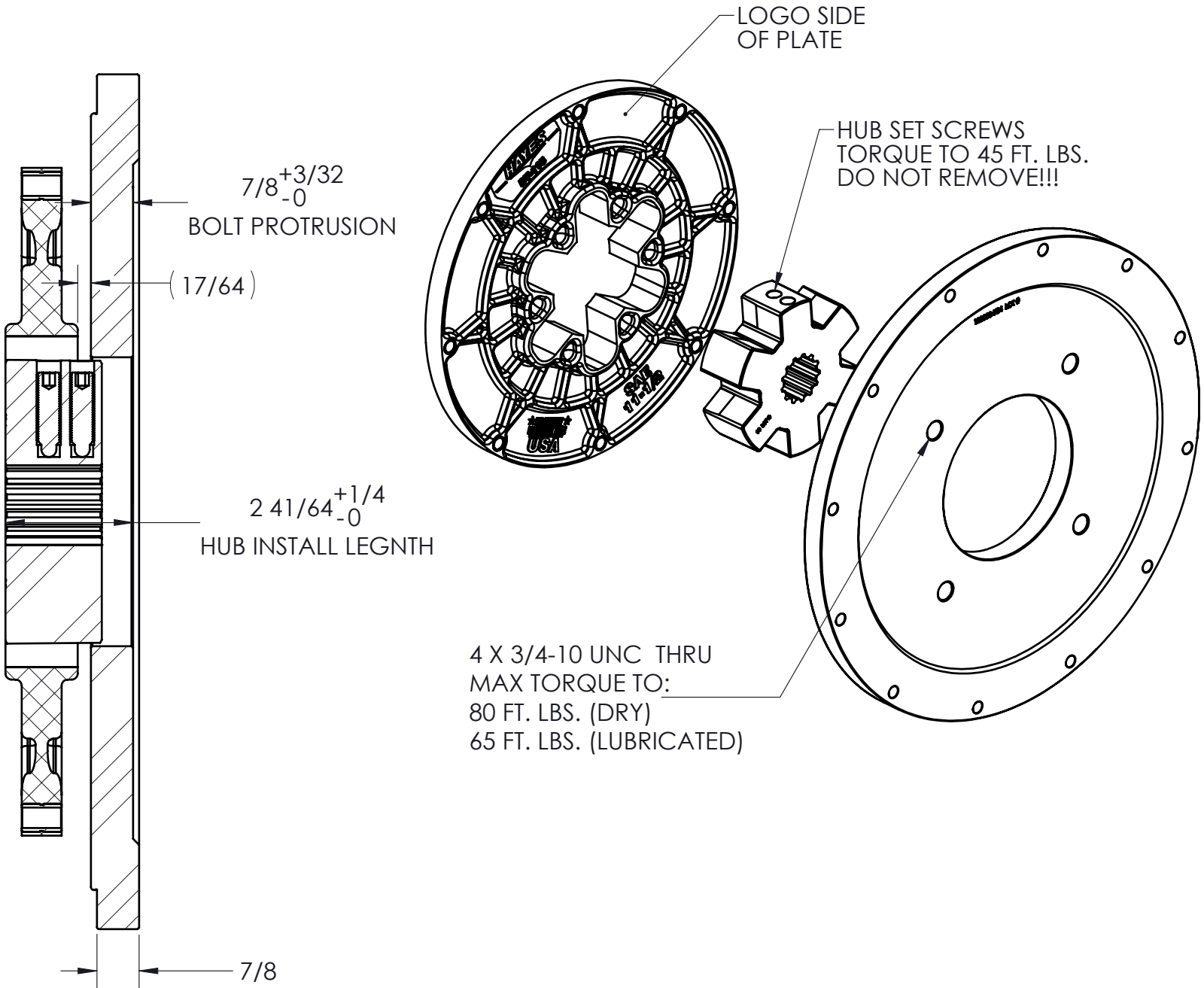
REV

DO NOT SCALE

SHEET 1 OF 4

INSTALLATION DRAWING

REVISIONS					
ZONE	REV.	DESCRIPTION	DATE	APR 1	APR 2
-	-	SEE CUSTOMER	-	-	-



INSTALLATION INSTRUCTIONS

- INSTALL HEX-FLX DRIVE PLATE TO FLYWHEEL USING PROPER INSTALLATION ORIENTATION. (SEE DIAGRAMS)

FLYWHEEL MOUNT

- HAYES MANUFACTURING RECOMMENDS THE USE OF GRADE 8/CLASS 10.9 FASTENERS, NO WASHERS, AND CHOICE OF RED OR BLUE THREAD LOCKER. TORQUE BOLTS TO ENGINE MFG. SPECS OR STANDARD TORQUE FOR GRADE/CLASS AND SIZE OF THREAD.
- IF HEX-FLX HUB FITS THROUGH PUMP PILOT OF MOUNTING PLATE, THEN INSTALL PUMP MOUNT PLATE TO ENGINE. OTHERWISE MOUNT PUMP TO PLATE THEN LOCATE HUB BEFORE INSTALLING ON THE ENGINE. BE SURE MOUNTING SURFACES ARE CLEAN AND FREE OF PAINT AND DIRT.

HOUSING MOUNT

- HAYES MANUFACTURING RECOMMENDS THE USE OF GRADE 5/CLASS 8.8 OR BETTER FASTENER. USE YOUR CHOICE OF WASHERS AND/OR THREAD LOCKER. TORQUE TO ENGINE MFG RECOMMENDATIONS OR USE STANDARD TORQUE FOR GRADE/CLASS AND SIZE OF BOLT.
- BE SURE PUMP SHAFT IS CLEAN AND FREE OF GREASE OR OIL
- INSTALL HUB ONTO PUMP SHAFT USING PROPER ORIENTATION. (SEE DIAGRAMS)
- HUB LOCATION IS IMPORTANT TO ENSURE PROPER ASSEMBLY.
- WHILE MAINTAINING PROPER HUB LOCATION, TORQUE SET SCREWS TO 45 FT.LBS. BE SURE THAT BOTH SET SCREWS ARE OVER THE PUMP SHAFT OR DAMAGE WILL OCCUR TO THE HUB.

PUMP MOUNTING


HAYES MANUFACTURING RECOMMENDS THE USE OF GRADE 5/CLASS 8.8 OR BETTER FASTENER. USE YOUR CHOICE OF WASHERS AND/OR THREAD LOCKER. TORQUE TO ENGINE MFG RECOMMENDATIONS OR USE STANDARD TORQUE FOR GRADE/CLASS AND SIZE OF BOLT.

BOLTS MUST NOT PROTRUDE THRU PUMP MOUNT PLATE OR DAMAGE MAY OCCUR!

WARNINGS!!!

IMPROPER INSTALLATION OF HUB COULD CAUSE PREMATURE WEAR AND/OR FAILURE.

IF YOU HAVE QUESTIONS CONCERNING LOCATION OF METAL HUB ON PUMP SHAFT OR ANY INSTALLATION PROCEDURES, PLEASE CONTACT DISTRIBUTOR OR HAYES MANUFACTURING FOR FURTHER INFORMATION.

<b>UNLESS OTHERWISE SPECIFIED:</b> DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/32 ANGULAR: MACH±1/2° TWO DECIMAL ±.01 THREE DECIMAL ±.005 FOUR DECIMAL ±.0005		<b>SYMBOLS</b> <div>⌞ FLATNESS    ⊙ CONCENTRICITY    ⊔ COUNTERBORE</div> <div>○ ROUNDNESS    ⊕ TRUE POSITION    ∇ COUNTERSINK</div> <div>// PARALLELISM    ⊥ PERPENDICULARITY    ∅ SYMMETRIC</div> <div>∅ DIAMETER    ↗ CIRCULAR RUN OUT</div> <div>"R" RADIUS    ↗ TOTAL RUN OUT</div>				<b>NAME</b>		<b>DATE</b>			
				DRAWN	PJH	06/15/22		<b>TITLE:</b> <b>HEX~FLX COUPLING WITH PUMP MOUNT KIT</b>			
				PCM APPR.	HM	06/22/22					
				ENG APPR.	ZS	06/22/22					
				SHIP. APPR.	NA						
<b>CLASS</b> <b>SAE 11.5</b>				QA APPR.	JM	06/22/22		<b>DWG. NO.</b> <b>DT-115-HDT2-90-KS4</b>			
				<b>DESCRIPTION</b> <b>11-1/2,3,13T8/16,D2</b>		<b>REV</b>					
<b>MAKE</b> <b>X</b>		<b>WEIGHT</b> <b>67.5 LB</b>		<b>HEAT TREAT</b>		<b>MATERIAL</b>					
<b>BUY</b>		<b>VOLUME</b> <b>CU.IN.</b>									
		<b>FINISH</b>				<b>DO NOT SCALE</b>		<b>SHEET 2 OF 4</b>			

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