DRILLING TEMPLATE

TEMPLATE INSTRUCTIONS

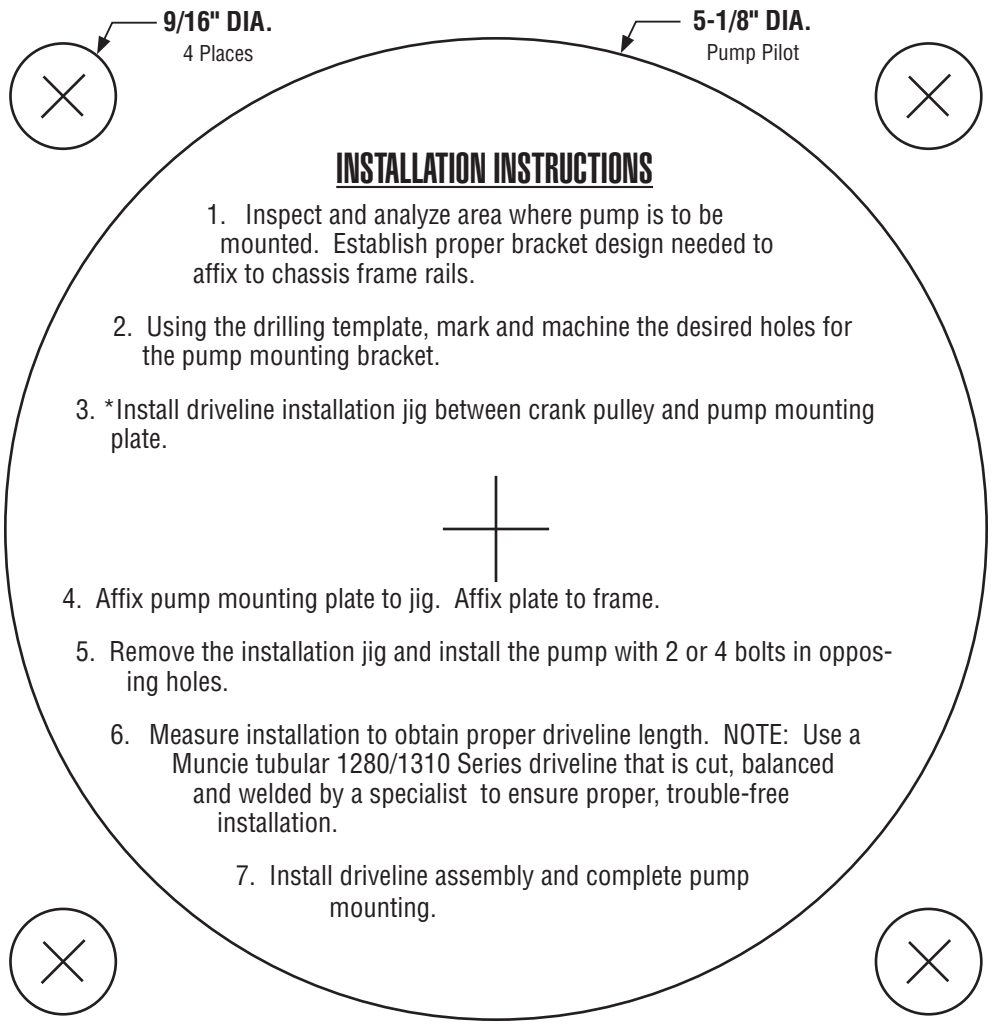
Use crosshatches within holes for center punching pump mounting plate. SAE C 4-bolt mounting dimensions.

For easier alignment of pump shaft with engine crank pulley, order Muncie's Installation Jig, part no. B-1090, and Crank Adapter, A-1093.

WARNINGS

POWER-MISER pumps require the Muncie 2 GPM bleed valve be teed into the pressure line to prevent accidental damage to pump and voiding of warranty. See installation manual for proper routing of hoses.

Maximum inlet vacuum is 5 in. HG at maximum RPM. Zero (0) inches HG is ideal as this figure will rise when temperatures drop.

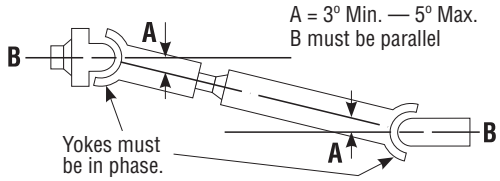


INSTALLATION INSTRUCTIONS

1. Inspect and analyze area where pump is to be mounted. Establish proper bracket design needed to affix to chassis frame rails.
2. Using the drilling template, mark and machine the desired holes for the pump mounting bracket.
3. *Install driveline installation jig between crank pulley and pump mounting plate.
4. Affix pump mounting plate to jig. Affix plate to frame.
5. Remove the installation jig and install the pump with 2 or 4 bolts in opposing holes.
6. Measure installation to obtain proper driveline length. NOTE: Use a Muncie tubular 1280/1310 Series driveline that is cut, balanced and welded by a specialist to ensure proper, trouble-free installation.
7. Install driveline assembly and complete pump mounting.

* NOTE

It is imperative that the centerline of the crankshaft and the centerline of the pump shaft be parallel to each other to prevent harmonic noise and premature driveline failure. If the installation jig is not used, a magnetic protractor will be required to ensure parallelism between the crank and pump shafts. Also a minimum 3º angle will be needed to properly load and lubricate the cross and bearings. **The pump should not be installed with the input shaft mounted parallel to the chassis frame.**



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