



Service Bulletin

Bulletin No: SB-0004-18-256-SW Effective Date: 09-17-2018

Type: Installation

Subject: SW350/353 Extreme Conditions Yaw Mount Stainless Steel Bushing Installation

Scope

This service bulletin provides instructions for installation of the SW350 and SW353 extreme conditions yaw mount stainless steel bushing. This bushing is standard equipment for the SW353 turbine and optional equipment for the SW350 turbine.

Specifications

The extreme conditions yaw mount stainless steel bushing is designed to fit inside a standard 2" schedule 40 pipe. The OD (outside diameter) of the bushing is 2.055 inches (52 mm).

Bushing / Turbine Assembly

*NOTE: If installed, **remove** the two (2) black elastodampner O-rings from the yaw shaft prior to installation of the stainless steel bushing. The black rubber seal located at the top of the yaw shaft / bottom of the turbine is **not** to be removed.*

1. Insert the turbine yaw shaft into the stainless steel bushing.
2. Align the top three holes of the turbine with the top three holes of the bushing (Fig. No. 1).
3. Place a small amount of Loctite® on the threads of the provided three (3) M6x14 flat head, hex drive screws, insert each and tighten securely.

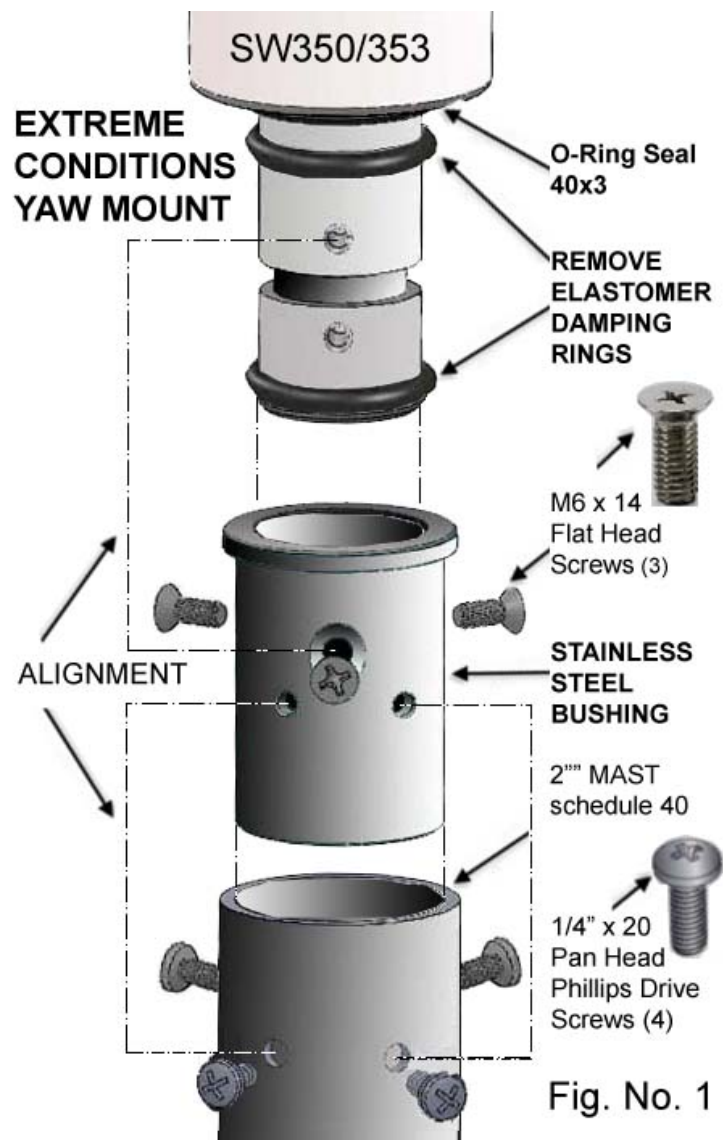


Fig. No. 1

Schedule 40 (2") Pipe Preparation and Assembly

NOTE: The length of the four (4) pan head, Philips drive screws required below will be based on the thickness of the mast pipe. As pipe thickness may vary, the screws must be provided by the installer. The screws must be long enough to travel through the mast, the stainless steel bushing and touch the yaw shaft within the center groove.

1. Drill four (4) 5/16" (8 mm) diameter holes through the pipe on a 1 3/8" (35 mm) centerline from the top of the pipe and 90 degrees apart (as shown in Fig. No. 2).
2. Deburr each of the holes both inside and outside of the mast pipe.
3. Insert the turbine / bushing assembly into the pipe.
4. Align the drilled holes of the pipe with the tapped holes of the bushing.
5. Place a small amount of Loctite® on the threads of the four (4) 1/4"x 20 screws, insert each and tighten securely.



Fig. No. 2

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