



SEA-BIRD ELECTRONICS, INC.

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SBE P/N 80403

DATE	REV	REVISION RECORD	AUTH	DR	CHK
10.03		Change to Drawing only	CB	KLP	
3.9.04	A	Changed 30452 to 31263	CB	KLP	

SBE3 to SBE21 Remote Temperature Mount Kit

Kit Contents

SBE P/N	Manufacturer P/N	Primary SBE Application	QTY
23404	Temp Plenum Retainer	Secures Temp Sensor To Plenum	1
23405	Temp Plenum, Stainless Steel	Provides water flow to temp probe	1
23618	SBE 21 Remote Temp Mount Plug	Seals Plenum Retainer opening when not in use	1
30254	Washer, 1/4" Split Ring Lock	Use with Plenum Hardware (30451)	2
30451	Bolt, 1/4-20 x 2-3/4 HEX SS	Secure Plenum Retainer to Plenum	2
30570	Washer, 1/4" Flat SS	Use with Plenum Hardware (30451)	2
30809	Morrison seal, .047" hole, Nit	Fits in between Plenum and Plenum Retainer	1
31263	Pipe, 1" Threaded, SS	Interface Plenum to plumbing system	2

Procedure for Installation

Drawing number 67040

A. Assembling The Plenum

1. Lubricate the Morrison seal with a Silicone-based lubricant. Never use a Petroleum-based lubricant on SBE o-rings and seals.
2. Clean the Morrison seal surface on the Stainless Steel Plenum (23405) and install the Morrison seal with hole facing out of the plenum.
3. Place the Plenum Retainer (23404) so that the small hole rests on top of the Morrison seal.
4. Secure the Retainer to the Plenum with two bolts (30451) and washers (30254, 30570). The lock washer should rest between the bolt head and the flat washer.
5. Wrap plumber's tape around the threads of the pipes and install them into the plenum as needed to make the assembly fit your present plumbing configurations.

B. Installing The Sensor

1. Remove the Temperature Probe Guard from your SBE 3S sensor.
2. Insert the temperature probe carefully into the Plenum Retainer and screw it in until flush.
3. When the sensor is not in use, replace the probe with the temperature mount plug (23618). Be sure to re-install the probe guard onto the SBE 3S before storing it or putting it to other uses.

Parent Part Number: 80403 / 90387

SBE Drawings:

67040 SBE3S, External Temp Mount Kit Assembly

Sea-Bird Electronics Procedure

PROCEDURE NUMBER: **67040**

TITLE: **SBE21 Remote SBE3 Temperature Kit**

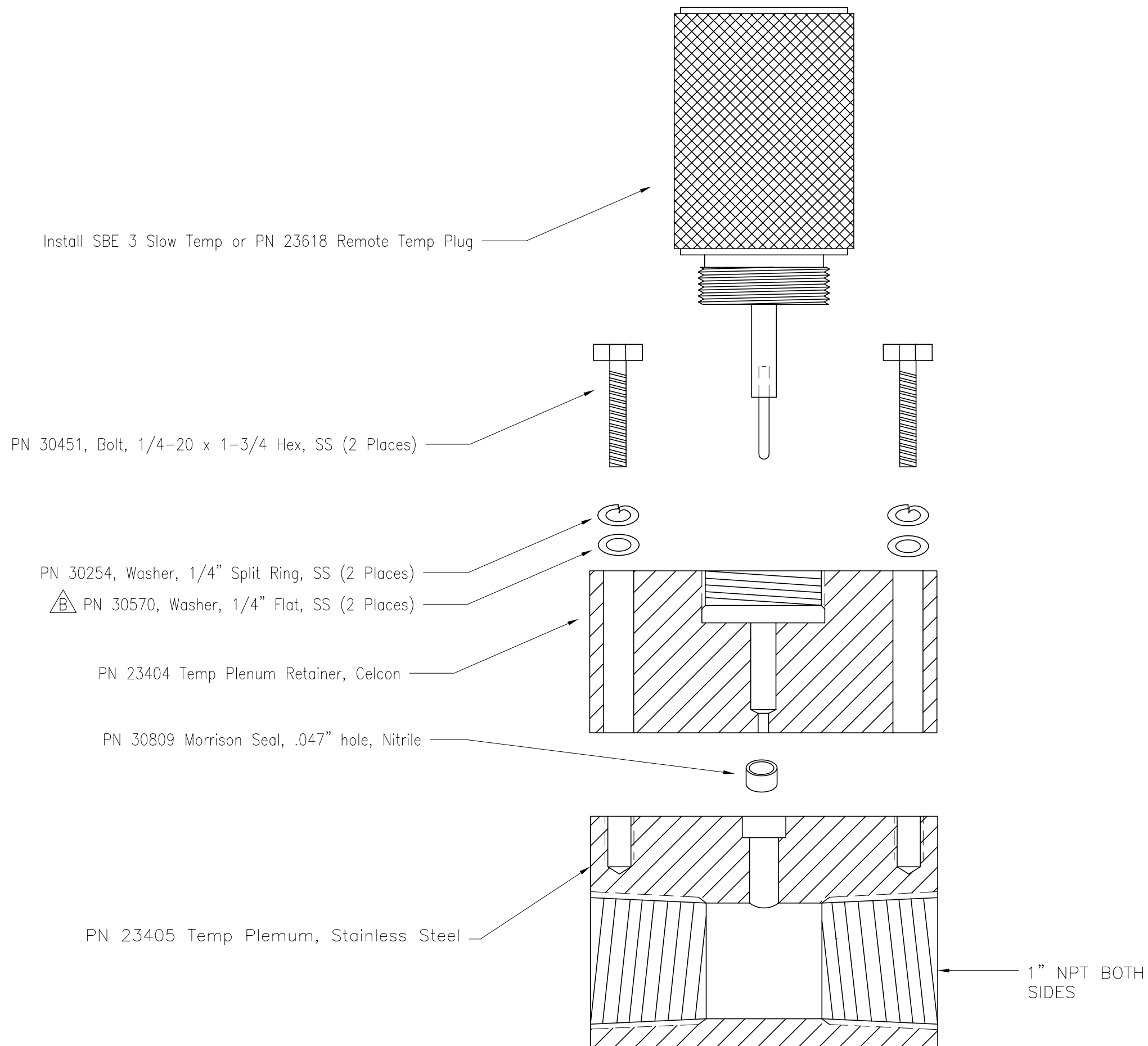
REVISION: **A**

EFFECTIVE DATE: **03/09/2004**

CHECKED BY:

PAGE 1 of 1

DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
10.10.03	A	ADDED PIPE SIZE	CB	KLP	
3.9.04	B	ADDED QTY		KLP	



TOLERANCES	SEA-BIRD ELECTRONICS, INC				
FRACTIONAL	P/N	80403	SCALE	DRAWN BY MJ	
			N.T.S.	APPROVED BY	
DECIMAL	TITLE	External Temp Plenum Mount Assembly			
ANGULAR	DATE	DRAWING NUMBER	67040	REV B	
	01.18.99				