

# Upgrade - MH Spindles for Flowline

This new assembly (R0000164B) covers replacement spindles for MH on Flowlines etc

## Contents

Comments

There was a need to update how to upgrade these spindles when they fail, in the field.

An upgrade had been created in 2018, but it required buying in a part and then machining it. This added an unnecessary and expensive process, so a further redesign has been done. This now uses a standard bought in part (T0000203), and the mating part (D0006016B) has now been created which provides an exact form, fit and function replacement to the overall assembly. Assembly of the components is as per the exploded view

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B0000121	Ball Bearing 20 I/D 42 O/D 12 long + shields	4
2	D0006009	Spindle Inner Spacer	1
3	D0006010	Spindle Outer Spacer	1
4	D0006015	Bearing Cover Washer	1
5	D0006016B	Coupling Shaft RevB	1
6	D0006018	Spindle Housing	1
7	D0006021	Spindle Pulley	1
8	F0000098	M6 X 10 SKT SET SCREW S/S - FLAT	2
9	F0000099	M8 X 8 SKT SET SCREW S/S - FLAT	1
10	F0000158	M6 X 6 SKT SET SCREW S/S - CONE POINT	2
11	F0000225	M8 X 12 SKT SET SCREW S/S - CONE POINT	1
12	T0000203	Colletholder + Nut ESX/ER20	1

