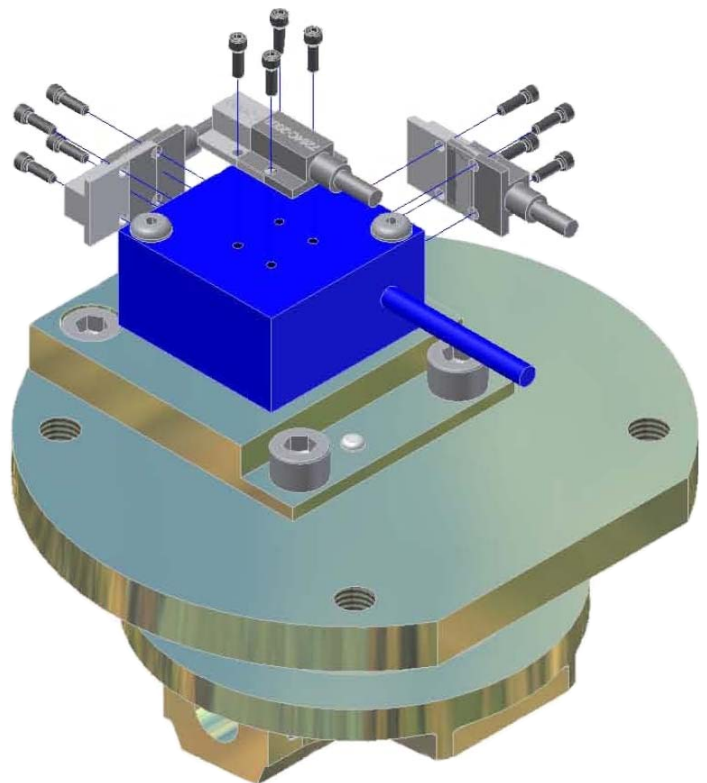
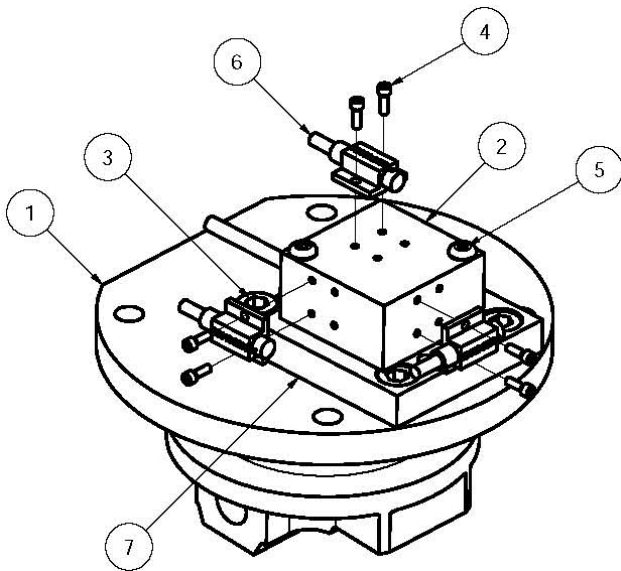




HEAD ACCELEROMETER/GYRO ASSEMBLY MOUNT for Hybrid III 50M Model 78051-222U Assembly

INTRODUCTION

The Model 78051-222U Assembly mount package is designed to allow measurements of head rotation in a Hybrid III 50th dummy for FMVSS-202a testing. It enables the IES 3103 Gyro sensors with the CFC600 bandwidth option to be mounted in the Hybrid III 50th head. This IES sensor has mounting holes on it for mounting Endevco Model 7264-2000, 7264A-2000, 7264B-2000 and 7264C-2000 accelerometers or Measurement Specialties 64-2000 accelerometers. This mount system is designed to be a direct replacement for the standard Hybrid III 50th accelerometer mounts without re-ballasting of the head assembly.



8	3	7264B-2000	ACCELEROMETER (OPTIONAL)
7	1	78051-222U	HEAD ACCELEROMETER MOUNT - IES
6	3	7264C-2000	ACCELEROMETER(OPTIONAL)
5	2	4000220	SCREW, BHCS #4-40 X 3/4
4	12	9005089	SCREW, SHCS #0-80 X 3/16
3	4	9010264	SCREW, SHCS #10-24 X 1/4
2	1	IES3103	3 AXIS GYRO SENSOR (REF)
1	1	78051-383x	NECK TRANSDUCER ASSY. (REF)
ITEM	QTY	PART NUMBER	DESCRIPTION

NOTE: This is a direct replacement for most Denton ATD Hybrid III 50th head accelerometer mounts. However, with older ASTC or Vector mounts or with competitor's mounts, it is necessary to verify the mass of the head assembly. This mount assembly with all screws and sensors (without cables) has a mass of approximately .31 lb (141 g). To verify the mass of the head assembly, weigh the complete head assembly without the accelerometer mount, accelerometers or accelerometer mount screws. If the mass of that assembly is 9.69 +/- .08 lb (4.395 +/- .036 kg) then this mount package and sensors can be used without reballasting the head assembly. If the mass is not within this range, then the head assembly must be reballasted to use this mount package.

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