

FITTING INSTRUCTIONS FOR ISOLATION STUDS

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the isolation stud.
3. Drill a hole in the centre of the flat area, to a depth of 12mm to suit the mounting thread.
4. Using a tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the thread on the metal part of the isolation stud and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the isolation stud into the threaded hole and tighten to 8Nm torque.
8. Screw the accelerometer into the isolation stud (plastic part). The torque setting is 4Nm. This equates to a nip then a 1/8 of a turn with an 8" Inch long spanner. This will be sufficient, as any tighter will strip the threads.