

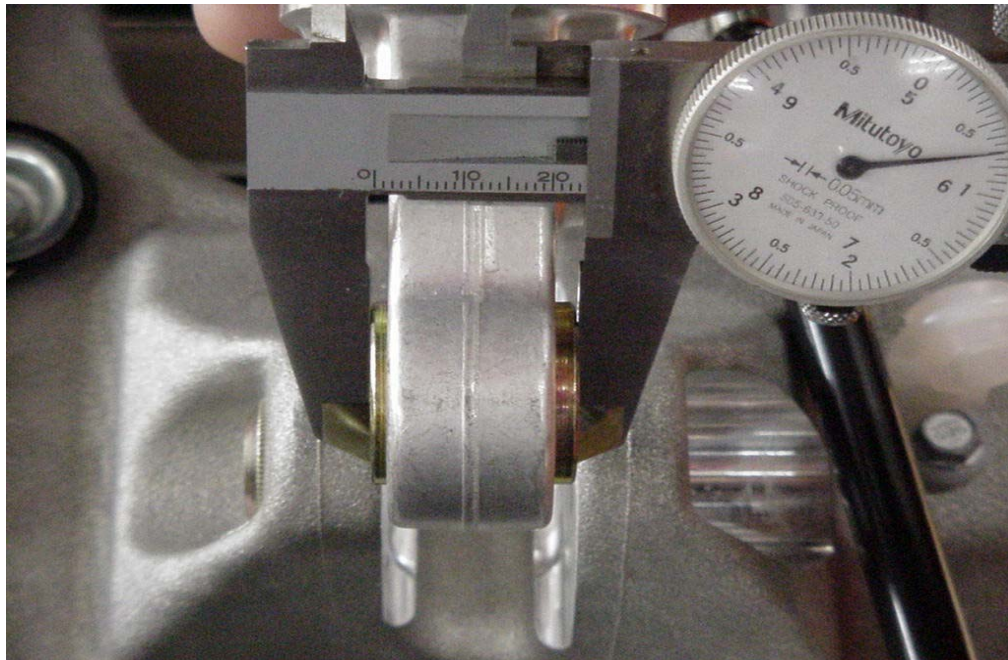
85 SX Engine Mounting Bracket Tension / Rear Shock Eye Width

- » **Due to manufacturing tolerances and welding deformation** in the frame production process, engine mounting brackets may have been welded with too much width between them. This deviation could cause stress on the bracket welds when the front engine mounting bolt is installed and consequently cause tears.
- » **It is imperative that the pre-tension** between the engine cases and the engine-mounting brackets be checked on all 85 SX motorcycles you currently have in stock before delivering the motorcycle to the customer.
- » **To check the pre-tension**, first, you must make sure that the swingarm nut is torqued to 100NM, then loosen and remove the front engine-mounting bolt and check the clearance between the engine cases and the mounting brackets on both left and right sides using a feeler gauge. According to the determined measurement, install the appropriate compensation washers and tighten the engine mounting bolt to 40NM. Compensation washers should be the thickness of the feeler gauge used to determine the clearance. Example: if the maximum clearance was determined to be 1.0mm using the feeler gauge, then a 1.0mm washer should be placed between the engine case and the mounting bracket to compensate for that clearance. No compensation washers will be needed for clearances less than 0.5mm. Compensation washers with a width of 0.5mm (**p.n. 0988101605**) and 1.0mm (**p.n. 50232030050**) can be ordered through the KTM Parts Distribution Center.
- » **Note:** Both sides will not always require compensation washers.
- » **Submit a warranty claim** for each motorcycle inspected using labor code **T3900203970** for 10 minutes labor.



- » **In conjunction with carrying out the Engine Mounting Bracket Inspection**, you also need to measure the width of the lower rear shock eye. It must not measure less than **23.80mm**. If this measurement is less; you should replace both adaptor bushings (**p.n. 46180007**), which can also be ordered through the KTM Parts Distribution Center.

- » **Submit a warranty claim** for each motorcycle inspected using labor code **T3900204970** for 20 minutes labor.



Specifications and programs are subject to change without notice.

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