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Title : Failure of Torque Sensor Bearing of a Garrett Engine	Document No. PD MT 8734 Date of issue: Nov. '87	
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Abstract : <p>In a Garrett engine, presence of metal particles in the engine oil and oil filter was reported. After strip examination of the engine, it was found that one of the two bearings of the torque sensor was not freely rotating. The inner race of this bearing had suffered brinelling and some of the balls showed excessive wear. Some of the holes of the bearing cage had flared, resulting in formation of burr. Excessive clearance between the outer race of the bearing and its steel housing, coupled with insufficient lubrication have resulted in the wear of the bearings and the metal particles entering the oil stream.</p>		