

P 254

**Engine Support Bar:**

This special service tool was developed for the crucial task of supporting the engine within its compartment during R&R of Trans-Axle / Gear-Box. The two side posts / feet of this Support Bar bolt directly to the vehicle by way of the bottom suspension bolts. This allows the center bolt of the Support Bar, with its swiveling head, to cradle / support the underneath of the engine case.

**Applicable:** Porsche model - 996



P 250

**Oil Seal Arbor:**

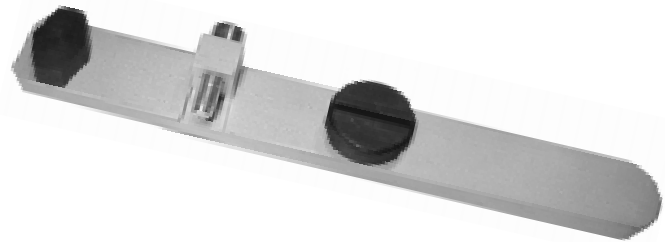


This special service tool was developed for the proper installation of oil seal on "Flywheel" side of crank shaft. To do this task with any other method is risking a total engine failure by way of a damaged oil seal.

**Applicable:** Porsche model - 996 & Boxster.

P 253

**Cam Securing Fixture:**



This special service tool was developed for the crucial task of securing the Intake and Exhaust Cam Shafts in relation to each other during base timing, etc. Trying to do this task with any other method is risking a total engine failure.

**Applicable:** Porsche model - 996 up through '01 & Boxster up to '04.

P 251

**Oil Seal Arbor:**



This special service tool was developed for the proper installation of oil seal on "Pulley" side of crank shaft. Trying to do this task with any other method is risking a total engine failure by way of a damaged oil seal.

**Applicable:** Porsche model - 996 & Boxster.



Since 1974, the Sir family has manufactured & invented tools which are in service with thousands of technicians across America and the world. Specializing in Special Service Tools. This is our business, this is what we do best. *You have my word and name on it!*

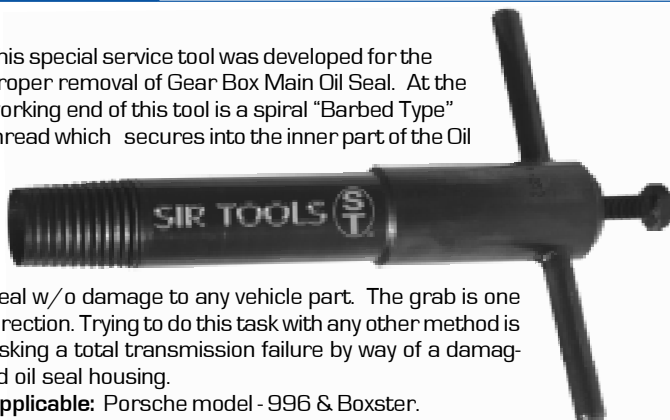
*Oliver Sir*  
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P 252

**Special Coned / Splined Oil Seal Remover:**

This special service tool was developed for the proper removal of Gear Box Main Oil Seal. At the working end of this tool is a spiral "Barbed Type" thread which secures into the inner part of the Oil



Seal w/o damage to any vehicle part. The grab is one direction. Trying to do this task with any other method is risking a total transmission failure by way of a damaged oil seal housing.

**Applicable:** Porsche model - 996 & Boxster.