



MAINTAIN, AND ENHANCE YOUR PORSCHE. FOCUSING ON THE 986 AND 987 BOXSTER MODELS, 101 PROJECTS FOR YOUR PORSCHE BOXSTER PRESENTS ALL THE NECESSARY INFORMATION, ASSOCIATED COSTS, AND PITFALLS TO AVOID WHEN PERFORMING A WIDE ARRAY OF PROJECTS. IN A WORD, IT MAKES OWNING A PORSCHE BOXSTER AN UNQUALIFIED THRILL.

AUTOMOTIVE MACHINING MIKE MAVRIGIAN 2017-04-17 MACHINING IS AN ESSENTIAL PART OF HIGH-PERFORMANCE ENGINE BUILDING AND STOCK REBUILDING, AS WELL AS CERTAIN SERVICING PROCEDURES. ALTHOUGH YOU MAY NOT OWN THE EXPENSIVE TOOLING AND MACHINING TO PERFORM ALL OR ANY OF THE MACHINING REQUIRED FOR A QUALITY BUILD, YOU NEED TO UNDERSTAND THE PRINCIPLES, PROCEDURES, AND GOALS FOR MACHINING, SO YOU CAN GUIDE THE MACHINING PROCESS WHEN OUTSOURCED. CLASSIC AND OLDER ENGINES TYPICALLY REQUIRE EXTENSIVE MACHINING AND ALMOST EVERY MAJOR COMPONENT OF ENGINE, INCLUDING BLOCK, HEADS, INTAKE, CRANKSHAFT, AND PISTONS, REQUIRE SOME SORT OF MACHINING AND FITMENT. A DETAILED, AUTHORITATIVE, AND

THOROUGH AUTOMOTIVE ENGINE-MACHINING GUIDE FOR THE HARD-CORE ENTHUSIAST HAS NOT BEEN AVAILABLE UNTIL NOW. MIKE MAVRIGIAN, EDITOR OF ENGINE BUILDING PROFESSIONAL, WALKS YOU THROUGH EACH IMPORTANT MACHINING PROCEDURE. A STOCK 300-HP ENGINE BUILD HAS FAR DIFFERENT REQUIREMENTS THAN A 1,000-HP DRAG RACE ENGINE, AND MAVRIGIAN REVEALS THE DIFFERENT MACHINING PROCEDURES AND PLANS ACCORDING TO APPLICATION AND ENGINE DESIGN. THE AUTHOR ALSO SHOWS YOU HOW TO INSPECT, MEASURE, AND EVALUATE COMPONENTS SO YOU CAN PROVIDE ASTUTE GUIDANCE AND MAKE THE BEST MACHINE WORK CHOICES. MACHINING PROCEDURES INCLUDED ARE CYLINDER BORING, ALIGN BORING/HONING, DECKING, VALVESEAT CUTTING, CAM TUNNEL BORING, AND A MULTITUDE OF OTHER SERVICES. IN ADDITION, MULTI-ANGLE VALVE JOBS, SETTING THE VALVESEATS, ALTERING ROCKER ARM RATIO, RE-CONDITIONING CONNECTING RODS, AND MACHINING AND MATCHING VALVETRAIN COMPONENTS ARE ALSO COVERED. WHETHER YOU'RE AN ENTHUSIAST ENGINE BUILDER OR PROSPECTIVE MACHINING STUDENT WHO WANTS TO PURSUE A CAREER AS AN AUTOMOTIVE MACHINIST, THIS BOOK WILL PROVIDE INSIGHT AND IN-DEPTH INSTRUCTION FOR PERFORMING THE MOST COMMON AND IMPORTANT MACHINING PROCEDURES.