

# SERVICE BULLETIN

DATE: 15 MAY 1996

BULLETIN NUMBER#

223

MODEL: ATOMIC FOUR GASOLINE PROPULSION ENGINE

SUBJECT: CYLINDER HEAD GASKET #263776

THERE ARE TWO CYLINDER HEAD GASKETS PART NUMBER #263776 CURRENTLY USED ON THE ATOMIC FOUR GASOLINE ENGINE. THEY ARE BEING REPLACED BY A SINGLE GASKET OF GRAPHITE COMPOSITION.

THIS IS BEING DONE TO IMPROVE THE SERVICE LIFE OF THE HEAD GASKET.

THIS NEW GASKET'S PART NUMBER IS #200452. ONLY ONE GASKET WILL BE REQUIRED.

THE CYLINDER HEAD STUD NUT TORQUE WILL REMAIN THE SAME AT 35 FT/LB WITH THE ENGINE COLD. NO RETORQUE IS REQUIRED.

NO SEALANT IS NEEDED WITH THIS NEW GASKET.

NOTE: COMPRESSION SHOULD BE CHECKED AFTER THE INSTALLATION OF THIS NEW GASKET. COMPRESSION RANGE IS BETWEEN 95 - 125 P.S.I..

THIS COMPRESSION TEST IS ADVISABLE ESPECIALLY FOR THOSE ENGINE THAT HAVE HAD THE CYLINDER HEAD RESURFACED FOR ONE REASON OR ANOTHER.

COMPRESSION PRESSURES IN EXCESS OF 125 P.S.I. CAN HAVE A DETRIMENTAL EFFECT ON THE SEALING ABILITY OF THIS NEW HEAD GASKET.

NOTE: WHEN RESURFACING A CYLINDER HEAD THE SURFACE FINISH SHOULD BE #125.

ON THE BACK OF THIS PAGE IS AN ILLUSTRATION OF THE BOLT PATTERN OF THE ATOMIC FOUR CYLINDER HEAD. FOLLOW THE NUMBERED SEQUENCE WHEN TORQUING THE CYLINDER HEAD STUD NUTS. BE SURE TO APPLY A SMALL AMOUNT OF OIL TO THE THREADS OF THE STUDS BEFORE INSTALLING THE NUTS.

OVER

PN#200451

TORQUE THE STUD NUTS IN TWO STAGES. FIRST TO 25 FT/LB THEN TO 35FT/LB.

