



# Aviation Technical Bulletin

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*Bringing Power to Flight*

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## ALWAYS INSTALL IGNITERS WITH NEW GASKETS !

THE IGNITER GASKET IS A CRUCIAL COMPONENT IN PROVIDING PROPER IGNITER PERFORMANCE AND A SAFE ENGINE INSTALLATION. THE GASKET INSURES A GOOD GAS SEAL, A PROPER IGNITER SEATING SURFACE AND A CONDUCTIVE PATH TO GROUND FOR EXPENDED ELECTRICAL ENERGY. THE GASKET IS ALSO OF KEY IMPORTANCE IN PREVENTING ACCIDENTAL OVERTORQUEING OF IGNITERS.

IGNITER GASKETS ARE ONLY ABLE TO PROVIDE THESE BENEFITS WHEN NEW. THE EFFECTS OF HEAT, CORROSION AND COMPRESSION CAN LEAD TO GAS LEAKAGE, UNEVEN SEATING SURFACES, POOR CONDUCTIVITY AND INEFFICIENT HEAT TRANSFER. USED GASKETS, ESPECIALLY FOLDED STEEL ONES SUCH AS SHOWN HERE, CAN LEAD TO EXCESSIVE INSTALLATION TORQUE. MOST ENGINE MANUFACTURERS BASE TORQUE VALUES ON THE USE OF NEW GASKETS.



THE MESSAGE IS CLEAR AND SIMPLE: NEVER TRY TO SAVE A FEW MINUTES OR A FEW PENNIES BY REINSTALLING IGNITERS WITH USED GASKETS. THE POTENTIAL COST FAR OUTWEIGHS THE SAVINGS.

**Champion Aviation Products: Your Blueprint for Performance**

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