



AVIATION TECHNICAL BULLETIN

Champion Spark Plug Company

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Servicing of Champion Platinum Electrode Spark Plugs

General servicing and testing of Champion Aviation Spark Plugs are covered in the Aviation Service Manual, Form AV-6. This bulletin describes special precautions that must be taken when servicing Champion's new fine wire platinum type spark plugs.

- (1) Large cinder-like deposits in the firing end cavity should be removed prior to abrasive blasting. These deposits can be loosened with a scraper fabricated from a hack-saw blade. (See Figure 1).

It is imperative that the scraping operation be followed by abrasive blasting to remove any traces of scraper steel that may have been deposited on the ceramic core nose.

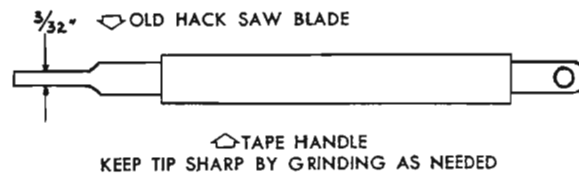


FIGURE #1

- (2) Platinum is a soft metal and excessive abrasive cleaning pressures will cause erosion of the ground and center electrode. In order to avoid abnormal abrasive erosion, do not use cleaning pressures in excess of 80 P.S.I. Also, during abrasive blasting, slowly wobble the plug in a circular motion for three to five second intervals.