



# Aviation Technical Bulletin

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## URGENT!

Champion Aviation Action recommended discontinuing the use of DC-200 and DC-4 for lubrication of Champion harness insulator tips (cigarettes). At that time we were in the process of testing new lubricants. In cooperation with Dow Corning we have concluded that **DC-3452** is the best lubricant for this application.

**Champion continues to recommend a clean, dry installation with no lubricant required.** If however, a technician finds it necessary to use a lubricant, we recommend only the use of DC-3452, which is available from your local general aviation distributor.

**Application:** Apply a thin coating to the **clean** insulator with a soft brush (acid brush). Remove any lubricant from the shielding barrel threads. This will ensure an adequate electrical bond between the spark plug and the shielded lead.

**Cleaning:** Clean the insulator by wiping it with MEK or wood alcohol. These solvents are also effective in cleaning any residual lubricant from a previous application.

**Compatibility:** Champion manufactures all harness insulators of silicone rubber. These include the insulators on the spark plug end as well as the white insulator used inside the Bendix® style caps. DC-3452 is a high temperature lubricant compatible with silicone rubber.