

Additional Instructions for Use

PLEASE READ CAREFULLY

New Copperhead™ Igniter Installation Instructions

Copperhead Igniter

1. Select and carefully straighten the AeroTech Copperhead™ igniter provided.
2. Holding the Copperhead™ between thumb and forefinger, insert the black-coated end into the nozzle and probe for the slot in the propellant grain. Slowly rotating the motor while probing with the tip of the igniter may help in finding the slot.
3. **See Fig.1** Once the COPPERHEAD™ has entered the propellant grain slot, continue inserting it until contact is made with the delay element at the forward end of the motor. Failure to insert a COPPERHEAD™ igniter as described may result in low-thrust ignition of the motor.
4. **See Fig.2** Gently bend the end of the Copperhead that protrudes from the nozzle into an "S". (Avoid sharply bending a Copperhead as a crack in the copper foil may occur if the igniter is straightened.) Use one of the two supplied red elastic bands to secure the igniter to the side of the nozzle. **NOTE:** 'E' motors will require "doubling" the elastic band to achieve a snug fit on the nozzle.

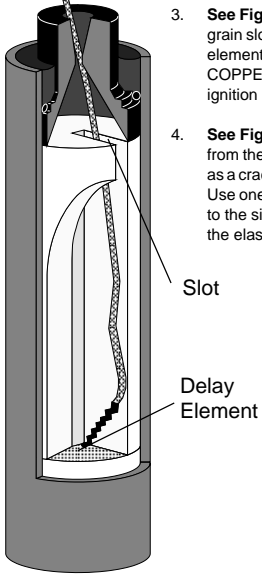


Figure 1

Red Elastic Band

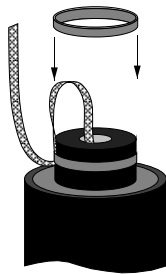


Figure 2

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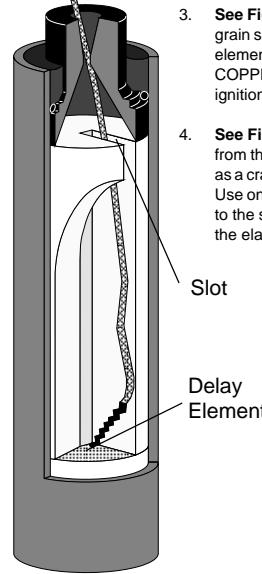


Figure 1

Red Elastic Band

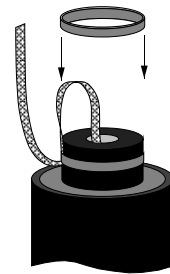


Figure 2

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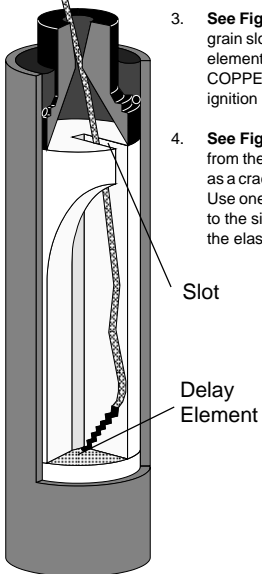


Figure 1

Red Elastic Band

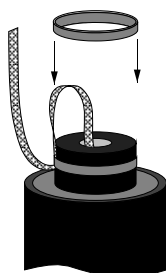


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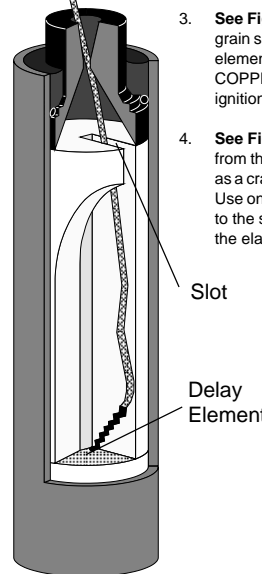


Figure 1

Red Elastic Band

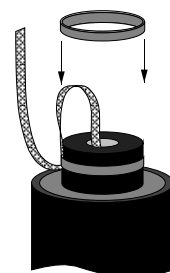


Figure 2