



INSTALLATION INSTRUCTIONS

Street Fire HEI Vacuum Advance Canister PN 5597

Important: Read these instructions before attempting the installation.

Parts Included:

1 - Vacuum Advance Canister 1 - Allen Wrench

WARNING: Before installing the Module, disconnect the battery cables. When disconnecting the battery cables, always remove the Negative (-) cable first and install it last.

1. Disconnect the wiring from the distributor cap and remove the vacuum line from the canister
2. Remove the distributor cap without disconnecting the spark plug wires.
3. Remove the three screws that hold the vacuum canister in place.
4. Lift the canister out while pushing the advance rod down to remove the canister.
5. Install the new advance canister. Make sure the advance rod seats in the groove.
6. Install the three retaining screws and connect the vacuum advance line.
7. Install the distributor cap and connect the wiring.

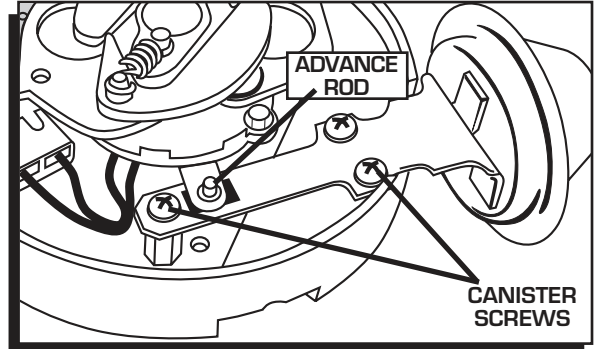


Figure 1 Replacing the Vacuum Canister.

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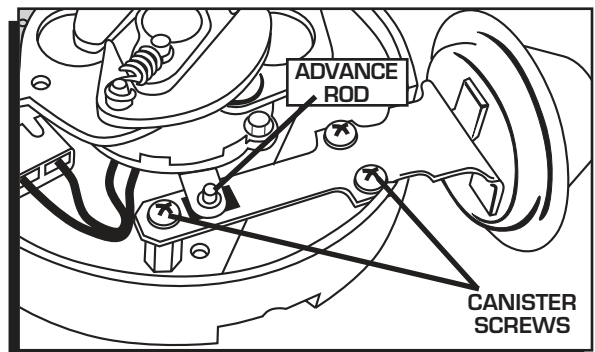


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INSTALLATION INSTRUCTIONS

ADJUSTABLE VACUUM ADVANCE

A vacuum advance is used primarily to help economy and driveability at moderate and cruising speeds. It is not necessary to connect. If you plan to use it, it is recommended to connect the vacuum advance to a ported vacuum outlet above the throttle plates.

You can easily adjust the vacuum advance of the Street Fire Distributor. Insert a 3/32" Allen wrench in the canister inlet and turn the adjustment screw clockwise until it is all the way in (Figure 2). Counter clockwise reduces the advance, clockwise increases.

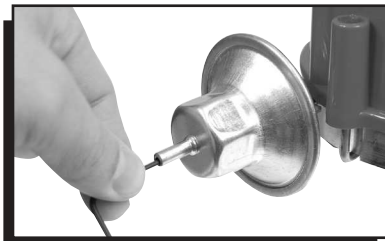


Figure 2 Adjusting the Vacuum Advance.

Note: Before making any adjustments screw the adjuster all the way in (CW).

Caution: Do not turn the vacuum advance screw out more than 10 turns. This could cause the advance to fail and require repair.

| | Turns Out | | | | | |
|-----|-----------|------|------|------|------|------|
| | 0 | 2 | 4 | 6 | 8 | 10 |
| 1° | 5 | 5.1 | 5.6 | 5.6 | 6 | 6.5 |
| 2° | 5.2 | 5.2 | 5.9 | 6 | 6.6 | 7 |
| 3° | 5.5 | 5.5 | 6.2 | 6.5 | 7 | 7.2 |
| 4° | 5.8 | 5.9 | 6.5 | 6.7 | 7.2 | 7.5 |
| 5° | 6 | 6.1 | 6.7 | 7 | 7.5 | 7.8 |
| 6° | 6.2 | 6.3 | 7 | 7.4 | 7.8 | 8.2 |
| 7° | 6.5 | 6.5 | 7.4 | 7.8 | 8.2 | 8.6 |
| 8° | 6.8 | 6.8 | 7.8 | 8.3 | 8.6 | 9.1 |
| 9° | 7 | 7.1 | 8 | 8.5 | 9 | 9.5 |
| 10° | 7.4 | 7.4 | 8.4 | 8.9 | 9.4 | 10 |
| 11° | 7.6 | 7.8 | 9 | 9.2 | 10 | 10.4 |
| 12° | 8 | 8.3 | 9.2 | 9.8 | 10.4 | 10.8 |
| 13° | 8.2 | 8.7 | 9.6 | 10.2 | 10.6 | 11.3 |
| 14° | 8.5 | 9.2 | 10.2 | 10.6 | 11.2 | 11.6 |
| 15° | 9 | 9.6 | 10.6 | 11.2 | 11.6 | 12.4 |
| 16° | 9.6 | 10.2 | 11.2 | 11.7 | 12.4 | 12.8 |
| 17° | 10.4 | 10.8 | 11.8 | 12.3 | 13 | 13.5 |
| 18° | 11 | 11.4 | 12.5 | 13.1 | 13.5 | 14.4 |
| 19° | 11.8 | 12 | 13.4 | 13.8 | 14.4 | 15.1 |
| 20° | 12.5 | 12.6 | 14.2 | 14.6 | 15.2 | 16.1 |
| 21° | 13.5 | 13.2 | 15.3 | 15.5 | 16.6 | 17.4 |
| 22° | 14 | 14.6 | 16.7 | 17 | 17.5 | 19.4 |

Amount of vacuum at canister (in inches of mercury)



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| 3° | 5.5 | 5.5 | 6.2 | 6.5 | 7 | 7.2 |
| 4° | 5.8 | 5.9 | 6.5 | 6.7 | 7.2 | 7.5 |
| 5° | 6 | 6.1 | 6.7 | 7 | 7.5 | 7.8 |
| 6° | 6.2 | 6.3 | 7 | 7.4 | 7.8 | 8.2 |
| 7° | 6.5 | 6.5 | 7.4 | 7.8 | 8.2 | 8.6 |
| 8° | 6.8 | 6.8 | 7.8 | 8.3 | 8.6 | 9.1 |
| 9° | 7 | 7.1 | 8 | 8.5 | 9 | 9.5 |
| 10° | 7.4 | 7.4 | 8.4 | 8.9 | 9.4 | 10 |
| 11° | 7.6 | 7.8 | 9 | 9.2 | 10 | 10.4 |
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| 18° | 11 | 11.4 | 12.5 | 13.1 | 13.5 | 14.4 |
| 19° | 11.8 | 12 | 13.4 | 13.8 | 14.4 | 15.1 |
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