



AEROSPACE™

CFM56/CF6 Ignition System

The Champion Advantage

- All parts meet highest standards in vibration & temperature testing
- Highest demonstrated life and reliability
- Extended warranty & core exchange is available
- Champion Aerospace ignition systems and components are a lowest cost of ownership solution for improved reliability, longer service life and reduced operating cost



CFM56/CF6 Igniters Deliver Value and Performance

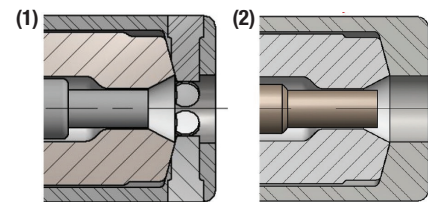


FAA-PMA Approved

- CH31900-6 Long Life Igniter: radial pin configuration ground electrodes- allows for extended replacement interval
- CH31965 Standard Life Igniter: single material ground electrodes- lowest cost and eliminates potential for tip swelling
- Proprietary “Hot Lock” manufacturing process
- Proprietary Champion-made aerospace grade ceramics, including superior thermal shock resistance formulations
- Decades of demonstrated and proven reliability

Igniter Product Reference Chart

Part #	Engine Model	Alternate Vendor Part Number	Alternate Engine OEM Part #
CH31900-6 CH31965	CFM56 Series	518888-1 9072215-1	1374M12P16 1374M13P11
CH31772A	CF6-80C2B/80E1 Series	10-630390-3	9387M23P01
CH31904-2	CF6-80C2A,80C2B/F, 80C (LEC)	10-630490-3	9387M23P09
CH31905	CF6-50,-80 Type 4	9044240-2	1305M52P09
CH31843	CF6-50,-80 Type 3	9044240-2	1305M52P09



CH31900-6 Tip Design

CH31965 Tip Design



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Superior Leads & Exciter Designed for CFM56/CF6 Engines

- Improved air-cooled design extends ignition lead life
- Proprietary Champion-made aerospace grade ceramics
- Strain relief elbow reduces conduit damage
- Elastomeric materials protected for higher operating temperatures
- On-site repair & maintainability opportunity; common piece parts across all GE leads
- Extended new parts warranty and core exchange
- Patented Air-Cooled ignition leads for increased cooling airflow and uses higher temperature capable materials in ignition terminations



Leads Product Reference Chart

Part #	Engine Model	Alternate Vendor Part Number	Alternate Engine OEM Part #
CH53552-1	CFM56-3 Series (RH)	9043185-13,-15	9339M26P13,P15
CH53552-2	CFM56-3 Series (LH)	9043185-14,-16	9339M26P14,P16
CH53569-1	CFM56-5A/5B Series (SAC)	9043110-16	9387M24P16
CH53569-2	CFM56-5C Series	9043110-17	9387M24P17
CH53569-3	CFM56-5B Series (DAC)	9043110-18	9387M24P18
CH53440	CFM56-7 Series (SAC)	9059110-1	1853M13P01
CH53440-1	CFM56-7 Series (DAC)	9059110-2	1853M13P04
CH53566-1	CF6-45/50/80/80C2	9043105-4	1346M56P04
CH53566-3	CF6-80E	9043105-7	1346M56P07



- CH92100 Stainless-steel Exciter for improved corrosion protection, no paint required
- Exciter box can be repaired with piece part availability rather than kits for lower operating costs

Exciter Product Reference Chart

Part #	Engine Model	Alternate Vendor Part Number	Alternate Engine OEM Part #
CH92100	CFM56 Series CF6 Series GE90 Series	10-631045-2	9238M66P08

All parts are FAA-PMA approved.



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