

# IGNITION HARNESSSES – IGNITERS – EXCITERS

## LIGHTWEIGHT HIGH TEMPERATURE SHIELDED IGNITION HARNESSSES

MFG. BY ACS PRODUCTS CO.



New production ignition harnesses for Experimental Aircraft at remarkably low prices. Late type 5MM wire constructed of 16 strands of tightly braided copper wire impregnated with scuff resistant white silicone. All strands must fracture before a complete open circuit type failure occurs thus extending lead life. Lead flexibility is retained from -65° to 400° F. Moisture and cleaning solvent penetration is eliminated by the impregnated silicone coating. This extremely flexible wire lends itself to sharp bends thereby eliminating the need for old style harness elbows. No soldered joints in the grounding circuit. Custom made for most 4 cylinder and 6 cylinder engines using Bendix or Eiseemann magnetos and 4 cylinder engines using Slick magnetos. Cable outlet plates are not furnished for Bendix and Eiseemann mags as these are already installed on the magnetos in service. They must be purchased separately for new magneto installations. Harnesses for Slick magnetos are furnished with the backplates installed. Standard harnesses for the Bendix S4/S6 mags are fitted with a male nut which screws into the threaded outlet plate on the back of the mag.

### HARNESSSES FOR BENDIX AND EISEMANN MAGNETOS

All 4-Cylinder Harnesses (8 wires) ..... ---  
All 6-Cylinder Harnesses (12 wires) ..... ---  
(Not Available for Bendix S1200 Magnetos)  
Replacement Leads to 48" (Specify Length) ..... **Call For Quote**  
(Bendix & Eiseemann only)

### HARNESSSES FOR SLICK MAGNETOS

For 4000, 4200 & 4300 Series Mags (4 Cyl.) Only ..... **Call For Quote**  
All Harnesses Furnished with Cable Ties and Clamps  
For plugs with 5/8-24 barrel size only.

BENDIX MAGNETOS	
Engine/Magneto	Part No.
Cont. A-65/S4	12301-02
C-85/S4	12301-05
C-90/S4	12301-06
0-200/S4	12301-05
LYC. 0-100/S4	12301-21
0-235/S4	12301-21
0-290/S4	12301-21
0-320/S4	12301-22
0-360/S4	12301-22
Cont. A-65/SF4	12302-02
A-75/SF4	12302-03
Lyc. 0-100/SF4	12302-20
0-235/SF4	12302-20
0-290/SF4	12302-20
Cont. E-185/S6	12305-10
E-225/S6	12305-11
O-470/S6	12305-13
C-145/S6	12305-09
O-300/S6	12305-09
Lyc. 0-540/S6	12305-22
IO-540/S6	12305-22
Franklin 165/S6	12305-41
Cont.C-125-SF6	12307-08
Lyc.0-435/SF6	12307-23

SLICK MAGNETOS	
Engine/Magneto	Part No.
VW (M2266) *	12304-32
Lyc 0-235 (M2363)	12304-33
0-290 (M2363)	12304-33
0-320,0-360 (M2363)	12304-33
Cont. 0-200 (1780)	12304-31
C-75 (1780)	12304-31
C-85 (1780)	12304-31
C-90 (1780)	12304-31
Lyc 0-540	12304-34
EISEMANN MAGNETOS	
Engine/Magneto	Part No.
Cont A65/LA-4	12303-04
A75/LA-4	12303-04
C-85/LA-4	12303-07
E-185/LA-6	12306-12
Franklin 150/LA-6	12306-40
Continental C90/LA4	12303-08
Continental E-185/LA6	12306-12
Franklin 150/LA6	12306-40
*This harness only comes with 4-leads.	

## ENGINE BAFFLE IGNITION WIRE SEALS



P/N 376



P/N M2376



P/N M2375



P/N M2755

Seal Type	Part No.	Each
5mm Wire Seal Slick 3-Wire	07-26962	---
5mm Wire Seal Slick 2-Wire	M2375	---
5mm Wire clamp Slick 2-Wire	M2755	---

## HIGH TENSION CABLE

Unshielded 7MM ignition cable consists of tinned conductor, rubber insulation, reinforced glass braid and Hypalon jacket that resists sun, weather, heat, chemicals and oxidation by ozone. Temperature range -65° to 250°F

P/N 07-03700 ..... --- Ft.

## CHAMPION IGNITERS



The research and development team at Champion Aerospace has pioneered the use of exotic materials to extend the life and enhance performance of turbine Igniters. The patented Champion Series 21™ Igniter and lead incorporate numerous design benefits that improve performance, installation, and maintenance. Variable immersion depth allows it to be used in multiple engine platforms. The self-centering conical contact virtually eliminates flashover and arcing.

Description	Part No.	Price
CH31547C Champion Igniter	07-03236	---
CH31621A Champion Igniter	07-03237	---
CH31815-2 Champion Igniter	07-03239	---
CH34055 Champion Igniter	07-03241	---
CH34269 Champion Igniter	07-03243	---
CH34419 Champion Igniter	07-19263	---
CH34659-3 Champion Igniter	07-03244	---
CH34682 Champion Igniter	07-03245	---
CH34745 Champion Igniter	07-03246	---
CH34804-3 Champion Igniter	07-03247	---
CH34817 Champion Igniter	07-19370	---
FHE146-7A Champion Igniter	07-03287	---
FHE164E Champion Igniter	07-03288	---
FHE246-4 Champion Igniter	07-03289	---
CH31487A Champion Igniter	07-03492	---
Y183-5 Champion Igniter	07-03548	---
CH53399-06 Turbine Ignition Lead	07-03250	---
CH3442-3 Turbine Ignition Lead	07-18032	---
CH34758-3 Champion Igniter	08-17134	---

## CHAMPION EXCITERS



Champion Aerospace manufactures a broad range of high performance ignition exciters. From pioneering designs in solid-state technology, to the new, patented PPT exciter, the first true high-tension solid-state exciter, Champion combines the reliability and performance critical to aviation applications. The Champion solid state ignition exciters are significantly lighter and more compact than any existing product on the market. PPT combines the technologies of both solid-state and spark-gap technology, but suffers none of the drawbacks.

Part No.	Description	Price
08-13063	CH92106-5 Champion Exchange Exciter Box	---
07-03549	Champion 305012-2 Exciter Box Exchange	---

## CHAMPION IGNITION LEADS



Champion Aerospace designs and manufactures a full range of aerospace ignition leads for turbine engine applications. New ignition leads from Champion Aerospace are available for a wide range of turbine engines, from small turbine APU applications to the large GE and PW turbofan engines, including the new Rolls Royce Trent 900 engines for A380 aircraft.

53067-21 Ignition Lead JT15D .....	P/N 07-03542 .....	---
53067-38.5 Ignition Lead JT15D .....	P/N 07-03543 .....	---
53399-09 Ignition Lead .....	P/N 07-03546 .....	---
53399-06 Ignition Lead .....	P/N 07-03250 .....	---
53442-3 Ignition Lead .....	P/N 07-18032 .....	---
53247 Ignition Lead .....	P/N 07-18000 .....	---
CH53399-02 Ignition Lead .....	P/N 07-03248 .....	---
CH53490 Lead Ignition Cable .....	P/N 08-17135 .....	---

## L2E LIGHT SPEED TO EFIS ADAPTER



The L2e allows you to display the parameters of your Light Speed ignition module directly on your EFIS during flight. Your EFIS can record these parameters for download and diagnosis ..P/N 10-06222 .....

## WIRE TERMINAL CLIP



For 7 MM unshielded harnesses.  
P/N 07-03500 .....

## CT-496 IGNITER LEAD CONNECTOR WEAR GAUGE



Igniter lead connector wear gauge for ARP670 type 2M fittings common to PT6 leads and others. Features a calibrated pin to measure connector wear. Opposite end sized to measure neoprene grommet expansion.

**Note: Many leads incorporate type 2M and 3M connectors at opposite ends.** .....P/N 12-04959 .....