

# IGNITION HARNESSSES – IGNITERS – EXCITERS

## LIGHTWEIGHT HIGH TEMPERATURE SHIELDED IGNITION HARNESSSES MFG. BY ACS PRODUCTS CO.



New production ignition harnesses 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 Eisemann magnetos and 4 cylinder engines using Slick magnetos. Cable outlet plates are not furnished for Bendix and Eisemann 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).....\$198.75  
All 6-Cylinder Harnesses (12 wires).....\$257.95  
(Not Available for Bendix S1200 Magnetos)  
Replacement Leads to 48" (Specify Length).....Call For Quote  
(Bendix & Eisemann only)

### HARNESSSES FOR SLICK MAGNETOS

For 4000, 4200 & 4300 Series Mags (4 Cyl.) Only.....\$187.75  
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 |
| O-200/S4        | 12301-05 |
| LYC. 0-100/S4   | 12301-21 |
| O-235/S4        | 12301-21 |
| O-290/S4        | 12301-21 |
| O-320/S4        | 12301-22 |
| O-360/S4        | 12301-22 |
| Cont. A-65/SF4  | 12302-02 |
| A-75/SF4        | 12302-03 |
| Lyc. 0-100/SF4  | 12302-20 |
| O-235/SF4       | 12302-20 |
| O-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 |
| Franklin165/S6  | 12305-41 |
| Cont.C-125-SF6  | 12307-08 |
| Lyc.O-435/SF6   | 12307-23 |

| SLICK MAGNETOS      |          |
|---------------------|----------|
| Engine/Magneto      | Part No. |
| VW (M2266) *        | 12304-32 |
| Lyc 0-235 (M2363)   | 12304-33 |
| O-290 (M2363)       | 12304-33 |
| O-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.  
ACS Products ignition harnesses can be used on experimental aircraft or on certified aircraft with field approval (FAA Form 337). If FAA/PMA harness is mandatory or if for use with 3/4" spark plugs, use Slick Bendix, Aero-Lite or Champion harnesses.

## ENGINE BAFFLE IGNITION WIRE SEALS



| Seal Type                   | Part No. | Each    |
|-----------------------------|----------|---------|
| 5mm Wire Seal Three-Wire    | 376      | \$6.50  |
| 5mm Wire Seal Slick 3-Wire  | 07-26962 | \$41.90 |
| 5mm Wire Seal Slick 2-Wire  | M2375    | \$38.75 |
| 5mm Wire clamp Slick 2-Wire | M2755    | \$9.50  |

## 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.....\$1.72 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 | \$717.00   |
| CH31621A Champion Igniter        | 07-03237 | \$2,228.00 |
| CH31815 Champion Igniter         | 07-03238 | \$1,650.00 |
| CH31815-2 Champion Igniter       | 07-03239 | \$2,681.00 |
| CH34055 Champion Igniter         | 07-03241 | \$378.00   |
| CH34269 Champion Igniter         | 07-03243 | \$1,030.00 |
| CH34419 Champion Igniter         | 07-19263 | \$1,665.00 |
| CH34659-3 Champion Igniter       | 07-03244 | \$2,020.00 |
| CH34682 Champion Igniter         | 07-03245 | \$1,797.00 |
| CH34745 Champion Igniter         | 07-03246 | \$1,595.00 |
| CH34804-3 Champion Igniter       | 07-03247 | \$1,054.00 |
| CH34817 Champion Igniter         | 07-19370 | \$806.00   |
| FHE146-7A Champion Igniter       | 07-03287 | \$897.00   |
| FHE164E Champion Igniter         | 07-03288 | \$2,891.00 |
| FHE246-4 Champion Igniter        | 07-03289 | \$671.00   |
| CH31487A Champion Igniter        | 07-03492 | \$530.00   |
| Y183-5 Champion Igniter          | 07-03548 | \$5,242.00 |
| CH53399-06 Turbine Ignition Lead | 07-03250 | \$979.00   |
| CH3442-3 Turbine Ignition Lead   | 07-18032 | \$1,689.00 |
| CH34758-3 Champion Igniter       | 08-17134 | \$1,172.00 |

## 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 | \$7,365.00 |
| 07-03549 | Champion 305012-2 Exciter Box Exchange  | \$5,835.00 |

## 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..... | \$1,560.00 |
| 53067-38.5 Ignition Lead JT15D..... | P/N 07-03543..... | \$1,794.00 |
| 53399-09 Ignition Lead.....         | P/N 07-03546..... | \$849.00   |
| 53399-06 Ignition Lead.....         | P/N 07-03250..... | \$979.00   |
| 53442-3 Ignition Lead.....          | P/N 07-18032..... | \$1,689.00 |
| 53247 Ignition Lead.....            | P/N 07-18000..... | \$1,748.00 |
| CH53399-02 Ignition Lead.....       | P/N 07-03248..... | \$1,235.00 |
| CH53490 Lead Ignition Cable.....    | P/N 08-17135..... | \$969.00   |

## 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.....\$95.50

## WIRE TERMINAL CLIP



For 7 MM unshielded harnesses.  
P/N 07-03500.....\$0.45

## 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.....\$324.00