

# Magnecor 7mm ELECTROSPORTS 70 SS Ignition Lead Specifications

## OVERALL LEAD ASSEMBLY

Outside Diameter of Cable.....	7mm.
Colour.....	Black.
Boot/Terminal Configuration.....	Various - to suit different domestic and foreign applications as well as customer special requirements.
Country of Manufacture.....	Cable: USA. Assemblies: USA, UK and Australia.

## CABLE

Construction Type.....	Two section: Insulator bonded with tape to high tear strength, high heat resistant outer jacket.
Insulator Material.....	High dielectric silicone rubber.
Outer Jacket Material.....	Extreme high tear strength, high temperature resistant silicone rubber.
Heat Resistance.....	205° C (400° F) service temperature.
Dielectric Strength.....	45,000 volts.

## CONDUCTOR

Conductor Size.....	1.90 mm in diameter.
Conductor Type.....	Magnecor Metallic Inductance RFI and EMI Suppressed. No conductive coatings applied.
Core.....	Ferrimagnetic base over Kevlar and fiberglass substrate.
Windings.....	77 turns per cm (200 turns per inch).
Windings Material.....	Stainless steel.
Resistance.....	98.4 ohm per cm, 3K ohm per ft. $\pm$ 10%.
Capacity.....	45,000 volts, 2kVA.

## TERMINALS

Spark Plug.....	Stainless steel snap-lock 180° bendable and fixed 90° styles.
Distributor and Coil.....	Brass, stainless steel snap-lock 180° and 90° styles.

## PROTECTIVE BOOTS

Spark Plug.....	Silicone 205° C (400° F) - selection of straight, 45° and 90° styles used where applicable - special connector assemblies for some applications.
Distributor and Coil.....	EPDM or Silicone - some sets will be fitted with OE style connectors.

## AVAILABILITY

NO MINIMUM ORDER REQUIRED	Available in sets to fit domestic and import car, truck, motorcycle and marine engines. Also, universal sets, individual leads, and tailored sets. Loose cable, boots and terminals can be purchased separately.
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**MAGNECOR®**

## ELECTROSPORTS 70 SS IGNITION CABLE

EXTREME STRENGTH  
HIGH TEMPERATURE  
RESISTANT SILICONE  
RUBBER JACKET

METALLIC  
INDUCTANCE  
SUPPRESSED  
CONDUCTOR  
ACHIEVES  
SUPERIOR EMI  
SUPPRESSION  
WITHOUT A  
CONDUCTIVE  
COATING

HIGH DIELECTRIC  
STRENGTH INTERNAL  
SILICONE INSULATOR  
BONDED BY TAPE TO  
OUTER JACKET FOR  
SUPERIOR TERMINAL  
RETENTION



## NEW FOR 2006

Magnecor's (Original Equipment size)  
7mm Lead Sets now use

## ELECTROSPORTS 70 SS IGNITION CABLE

Vastly superior replacement for OE and aftermarket ignition leads (wires in USA) using carbon conductors or resistor/connectors at lead ends, all of which reduce spark energy when deterioration develops with usage.

**ELECTROSPORTS 70 SS IGNITION CABLE**, with its updated high-tech wire-wound conductor, will properly suppress both RFI and EMI on all engines without reducing spark current or deteriorating with use. The high tear strength silicone rubber insulating jacket provides better insulation than most 8mm aftermarket ignition leads, and new construction provides better terminal retention than ever before.

Any lead set using **ELECTROSPORTS 70 SS IGNITION CABLE** can be used on both older and newer carburetted engines as well as the most modern fuel injected engines using any electronic engine management system. Suppression is also provided for 2-way radio and computer equipment.

[www.magnecor.co.uk](http://www.magnecor.co.uk)