

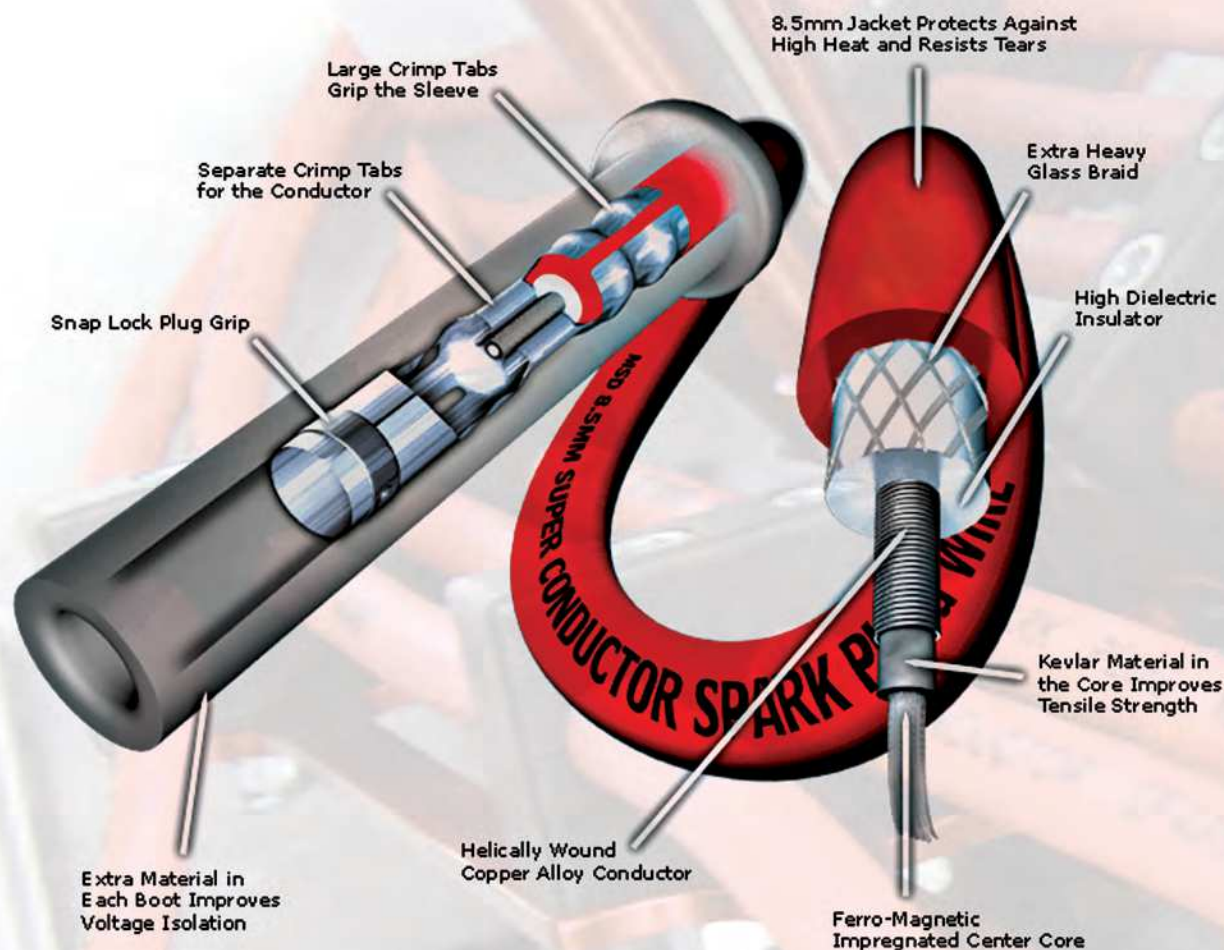
MSD
IGNITION

8.5 mm | SUPER CONDUCTOR SPARK PLUG WIRES

- Extremely low resistance for improved spark delivery.
- High suppression capability to block out EMI.
- The strongest terminal crimps and connections.
- Durable, high temp outer sleeve and boots.



www.MSDIGNITION.com



The 8.5mm Super Conductor wire is the best wire you can run on your engine whether it's a cruiser, sport compact or all-out race car. With less than 50 ohms per foot resistance, you can ensure that the most spark energy possible reaches the spark plug gap. More spark energy means improved combustion resulting in increased performance!

Even with its low resistance, the Super Conductor Wire suppresses Electro Magnetic Interference (EMI) like a high resistance factory wire. By tightly winding the copper conductor around a specially designed center core, a highly effective EMI choke is created.

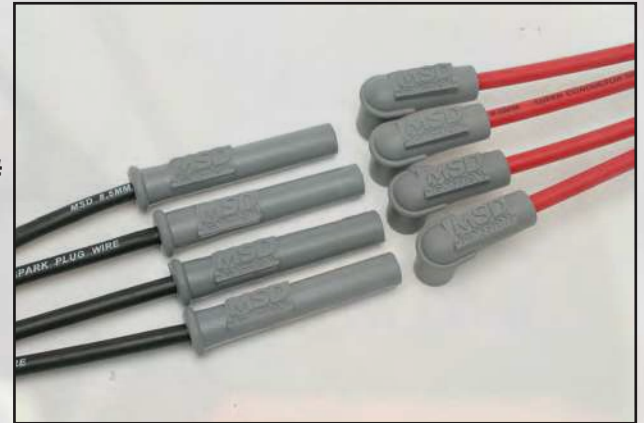
If that weren't enough, the 8.5mm outer sleeve is a combination of silicone and synthetic materials to give the wire supreme resistance against heat, chemicals and abrasion. MSD's boots are thicker to provide a great seal around the plug while offering excellent heat protection. Also, special dual crimp terminals are used that grasp both the sleeve and the conductor producing the strongest crimp available!

The MSD 8.5mm Super Conductor is used on 330+ mph Top Fuel Dragsters, Sprint Cars, and everything in between.

Custom Sets

MSD's custom wire sets are made to pull out of the box and install on your engine. Many late model wire sets feature factory style boots and terminals for a perfect fit. More wire sets are constantly added so if you don't see your application contact our customer service department.

Year	Description	Part # BLACK	PART # RED
CHEVROLET			
1998-2000	V6 Vortech, 4.3L.....	32833	32839
1971-1974	307, 327, 350, Cars/Trucks..... (with wires over valve covers)	31653	31659
1975-1982	All 350 Corvettes..... (long wires below exhaust manifold)	31763	31769
1974-1976	All 454 Chevy, GMC, Cars/Trucks	31363	31369
1975-1987	All 366, 426, 454, Cars/Trucks	31773	31779
1969-1974	All 366, 396, 427, 454, Cars/Trucks	31373	31379
1984-1991	Chevy Corvette 350 TPI		31459
1985-1995	Truck 305, 350	31413	31419
1988-1994	Chevy Truck 366, 454 (7.4L)..... (internal or external coil)	31803	31809
1988-1993	Chevy Caprice, Camaro, Monte Carlo	31833	31839
1994-1996	Caprice, Impala SS, LT-1 and V8	32153	32159
1993-1997	Camaro, LT-1	32143	32149
1996-1998	GM Pickup, Vortech 350 V8	32163	32169
1992-1997	Corvette, LT-1	32173	32179
1997-on	LS-1 Vette, Camaro	32813	32819
1999-on	LS-1 Truck.....	32823	32829
CHRYSLER			
1993-1999	Jeep Cherokee 4.0L	32233	32239
1997-2000	Dodge Dakota, 5.9L.....		32979
1973-on	318, 340, 360, Cars and Trucks Stock Distributors.....	31303	31309
1994-2000	Dodge Ram, 318, 360	32183	32189
FORD			
1977-1993	302 (5.0L) Car/Trucks, Mustang, Thunderbird, LTD, Granada.....	31323	31329
1994-1995	(5.0L) Mustang	32203	32209
1970-1976	302cid Cars, Light Trucks	31393	31399
1965-1976	351C, 351W, 352, 390, 400, 429, 460 Car	31383	31389
1996-1998	4.6L Cobra DOHC.....	32213	32219
1996-1997	Ford 4.6L Mustang/Lincoln	32223	32229
ACURA/HONDA			
1990-1998	Acura/Integra, 1.8L Vtec	32343	32349
1992-1997	Honda Civic, L.6L.....	32353	32359
1988-1991	Honda Civic, 1.5L/1.6L.....		32319
1990-1997	Honda Accord, 2.2L		32369
1993-1997	Honda Prelude Vtec, 2.2L		32389
1994-1997	Honda Accord, 2.2L Vtec.....		32379



Universal Wire Sets

The Universal Super Conductor Wire Sets only have the spark plug boot and terminal factory installed. The distributor end boots and terminals are supplied, but not crimped on so you can route the wire to fit your application. The wires are extra long so they fit any application. Included in each set is an MSD Mini-Stripper Crimper for easy installation.

Cylinders	Spark Plug Boot	Distributor/Coil Pack Side	Part # Black	Part # Red
4	M/A	90°, Socket		31159
8	M/A	90°	31183	31189
8	M/A	90°, Socket	31193	31199
8	90°	90°	31223	31229
8	90°	90°, Socket	31233	31239

Socket



Multi-Angle



90°



Bulk Wire

Length	Part # Black	Part # Red
6'	34033	34039
25'	34013	34019
100'	34043	34049
300'	34053	34059



Pro-Clamp Separators

PN 8843

The best wire separators available! The wires are clamped into place and no tools are required to open the clamps. Supplied with; 2-four wires, 4-three wires, 4-two wires.



Dual Plug Separators

Molded of strong, heat resistant material, these handy separators will hold two wires secure.

Sold in a pack of 16.

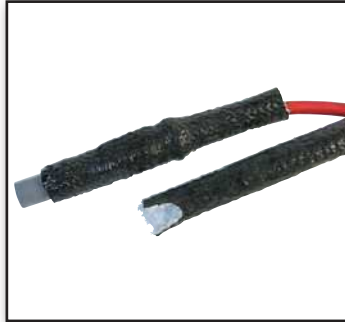
8mm and 8.5mm, PN 8841
Wires w/sleeve, PN 8842



Pro-Boot Guard

PN 3412

Thick woven glass and silicone will protect the boots. Roll of six feet.



Shrink Sleeve

PN 3407

This sleeve will seal the Pro-Heat Sleeve to the plug wire or boot. It will not split and is designed to withstand high underhood temperatures.



Pro-Heat Guard

PN 3411

Slide this sleeve over the wire to guard against heat and abrasion. Roll of 25 feet.



Pro-Crimp Tool

PN 35051

A hardened steel frame sports comfortable molded hand grips while a slick ratchet action provides secure factory style crimps consistently. The Tool is supplied with crimp/strip jaws for MSD's 8.5mm Dual Crimp Terminals only. It also accepts interchangeable jaws allowing for a variety of different style crimps.



Replacement Dies

Pro-Crimp Jaws for use with the Pro-Crimp Tool only.

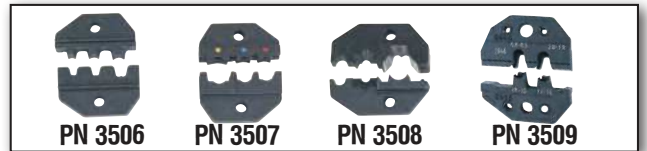
Amp Pin Terminal, PN 3506

Amp Lug Terminal, PN 3507

Plug Wire Terminal, PN 3508

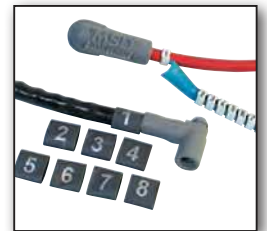
Weathertight Connector Terminal, PN 3509

Deutsch Connector Terminal, PN 3510



Cylinder Number Indicators

Marking the cylinder number of each plug wire can save you time and ensure that the wire is installed in the right place.



Cylinder Markers, PN 3414

Shrink Sleeve Cylinder Numbers, PN 3415

Spark Guard

PN 8804

The dielectric grease eases crimping and boot installation, prevents moisture buildup inside the boots and helps stop voltage leaks. Spark Guard will not dry up or harden.



MSD
IGNITION

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MSD[®] **IGNITION** **ADDENDUM**

8.5mm Super Conductor Wire: Installing Terminals

Due to the increased size of the 8.5mm spiral wound conductor, it is important to use care not to cut into the conductor. Cutting into the conductor will affect the voltage carrying capabilities of the wire and extra caution should be taken if you are not using the MSD Mini-Stripper Crimper.

As you cut the outer sleeve of the wire it is not necessary to cut completely through the insulator to the conductor. Instead, only cut about half way into the insulator then twist and pull the end off.

After crimping the terminal on, it is a good idea to check the resistance of the wire. Use an ohm meter and measure the resistance of the completed wire. It should be between 40-50 ohms per foot. Example: A 36" wire should have the resistance of 120-150 ohms.

Note: MSD only recommends stripping the 8.5mm wire with the Mini-Stripper-Crimper.

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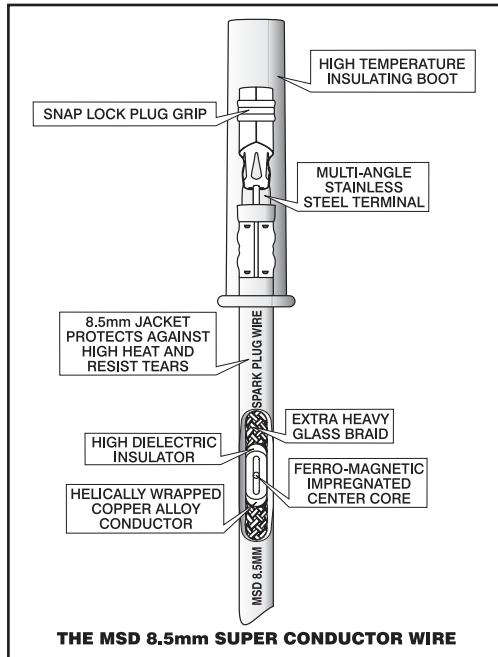
Revised 03/07

Printed in U.S.A.

Spark Plug Wires and Spark Plugs

Spark Plug Wires

Spark plug wires have two main objectives; transfer the spark energy to the plugs and suppress the Electro Magnetic Interference (EMI) that the spark voltage projects. Too high of resistance decreases the spark energy, yet too low of resistance may generate too much EMI noise which will interfere with the operation of other electronics on the vehicle. A good quality wire, proper routing and routine inspection are all important in getting the most performance out of your ignition system.



MSD offers two great spark plug wires; Heli-Core Wire and the 8.5mm Super Conductor Wire. The Heli-Core Wires are a performance wire upgrade for any car or truck. For serious performance, the 8.5mm Super Conductor Wire is the wire of choice. Both sets of wires feature a conductor that is helically wound around a special center core that is designed to suppress, or choke, EMI. Helically wound, sometimes called spiral core, must be used with an MSD Ignition Control. Solid core wires do not suppress EMI so there could be interference with the ignition or other electronics on the vehicle.

The Super Conductor Wire has less than 50 ohms per foot, the lowest available in a helically wound wire. A special copper-alloy conductor is wrapped very tightly around a ferro-magnetic impregnated center core which gives the wire extremely high EMI suppression. This design ensures that optimum spark energy will reach the spark plugs while EMI noise is held at a minimum.

NOTE: Solid Core spark plug wires cannot be used with any MSD Ignition controls or Pro Mags.

Just like tires, oil or spark plugs, the spark plug wires are a maintenance item. Service of the wires hinges on your application and ignition control. If you have a 6AL Ignition and use the car as a daily driver, the wires will last for thousands of miles. Conversely, if you are racing a high compression engine with nitrous and an MSD 10, the wires should be inspected and even replaced during the race season. When checking wires, closely inspect for signs of burning or arc-through. Look at the boots for signs of cracking or burning and using an ohm meter to check resistance of each wire is a good idea. Also, keep in mind that the coil wire is delivering eight times the spark so it should be checked closely. When checking resistance of the wires note that the longer wires will have more total resistance, but their values should average out. If one wire stands out among the others, it should be replaced.

