

2024
STWCB-24
Supersedes STWCB-15



WIRE & CABLE

ILLUSTRATED PARTS GUIDE

FOR DOMESTIC & IMPORT CARS & TRUCKS



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Ignition Wires

Battery Cables

Primary Wire & Trailer Cables

Terminals & Connectors

O.E. Interchanges

index

PREMIUM IGNITION WIRE SETS



OE Plus
performance

**IGNITION WIRE
QUALITY ENGINEERED
FROM END TO END...**



...KNOW YOUR IGNITION WIRE

PREMIUM QUALITY MATERIALS

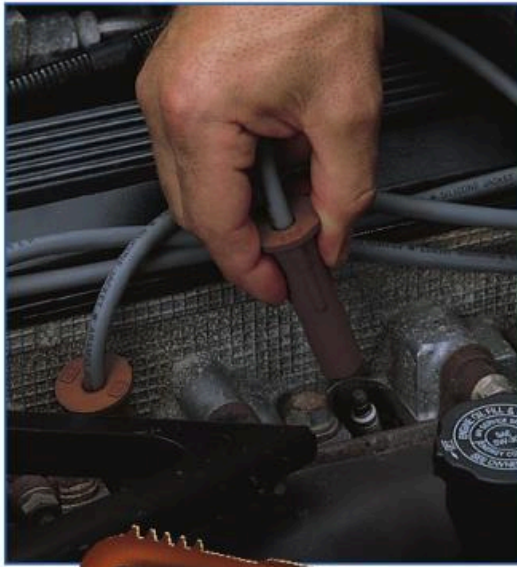
- Conductive Silicone Core
- Magnetic Supression Core
- Metallic Core
- Blended Silicone Insulation
- Fiberglass Braid
- Corrosion Resistant Terminals
- Heavy Duty Silicone Boots
- Silicone Outer Jacket

Warranty Statement

Our wire sets are warranted to be free from defects in material and workmanship. Should the wire set fail at any time during the life of the vehicle on which it was originally installed, it will be replaced at no charge, upon presentation of the defective wire set and proof of purchase to any authorized distributor of our wire & cable products.

This warranty is limited to replacement of the wire set only, and does not include incidental or consequential damages. Our company is not liable for injury or property damage resulting directly or indirectly from an actual or alleged defect in material and/or workmanship. Failure due to incorrect installation or the wrong application is not covered by this warranty.

PREMIUM IGNITION WIRE SETS

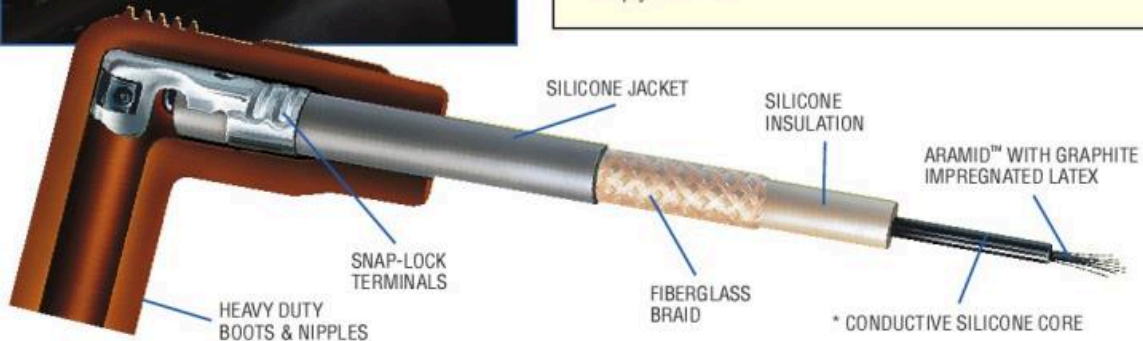


WHY PREMIUM WIRE IS CRITICAL...

Hotter running engines, crowded engine compartments and higher voltage output make premium wire sets a key component of any ignition system.

The primary cause of ignition wire failure is prolonged exposure to HEAT. The termination at the spark plug end is most susceptible to these high temperatures. When the extreme heat from the spark plug transfers to the wire, the core is exposed to temperatures that can char, melt away and cause core burnout; the number one cause of ignition wire failure.

Domestic O.E. manufacturers use an extruded silicone core to solve this problem and so does Standard. The latex fiberglass core used by most other aftermarket companies simply won't last.



PREMIUM QUALITY MATERIALS

CONDUCTIVE SILICONE CORE — A core of super-strong aramid fiber is impregnated with a graphite/latex mixture calibrated to vary resistance, suppress radio static (RFI) and deliver voltage to the spark plug. Conductive silicone rubber is extruded over this inner core combining unsurpassed toughness and superior heat resistance. This conductive silicone core virtually eliminates core burnout. Every premium wire set in the line has this conductive silicone core rated at 100,000 miles.

MAGNETIC SUPPRESSION CORE — Stainless steel conductive winding with heat resistant latex. OE on certain domestic vehicles from 1995

METALLIC CORE — Metallic conductor OE on many European vehicles.

SILICONE INSULATION — The insulation layer shields the core and protects against voltage leaks and shorts to ground. We use silicone which has superior insulating properties.

FIBERGLASS BRAID — A fiberglass braid around the insulation layer provides added strength, toughness and increased flexibility. It also improves terminal pull off forces.

SILICONE OUTER JACKET — Like the silicone core, the silicone outer jacket protects against harsh under hood conditions - heat, moisture, grease, oil and other contaminants. It combines superior

thermal protection and durability. Each set in our line has a silicone jacket - Foreign and domestic, vintage and late model applications all meet or exceed O.E. quality.

CORROSION RESISTANT TERMINALS — Tight positive connections between the terminal and the spark plug, distributor cap, or coil ensure uninterrupted current flow and consistent driveability. Gold chromate snap-lock terminal clips provide additional anti-corrosion protection. The snap-lock feature provides a positive connection between the spark plug and the wire. Engine vibration won't cause the terminals to back out and lose contact. Terminal pull-off values are consistently over 50lbs. at room temperature and far exceed SAE J2032 specification of 20 lbs. heated at 90°C.

HEAVY DUTY SILICONE BOOTS — Silicone has unmatched resistance to heat. That's why O.E. uses silicone. That's why we use conductive silicone core on all premium wire sets, silicone boots on all applications specified by O.E. and high temperature silicone boots on many high heat car and truck applications.

PREMIUM WIRES — are made up of these various protective layers that enhance overall performance and ensure long life. Lesser grades of wire omit many of these layers. From the conductive silicone core to the heavy duty silicone spark plug boots, Standard Plus wire provides a host of benefits that make them the best ignition wire sets you can buy.

* Magnetic Suppression Core or Metallic Core where specified by OE

PREMIUM IGNITION WIRE SETS



**WIRE SETS PROVIDE THE PERFECT FIT
WITH THE HIGHEST PERFORMANCE
DEMANDED BY SERVICE PROFESSIONALS!**

CUSTOM FIT – FOR TOP PERFORMANCE

Proper fit is a high priority for premium quality ignition wires. “Proper fit” means the fit of the replacement wire set closely follows the fit of the original wires, in length, as well as terminal and boot configuration (straight, 135° or 90°). The closer the fit matches, the easier it is to follow the routing pattern specified by OE.

This is important because:

- The OE routing pattern minimizes “crossfire” (the tendency of an improperly routed plug wire to induce voltage into an adjacent wire.) Crossfire can cause a second spark plug to fire at the incorrect time, resulting in engine backfire.

In computerized vehicles, an improperly routed plug wire can induce voltage in sensor leads, which are designed to carry less than 1 volt. The induced voltage can generate incorrect sensor signals, or even short out a sensor or damage the computer itself.

- Proper fit ensures that you won't have to stretch wires or leave too much slack. Excessively long wires can contact hot or moving engine parts such as exhaust manifolds or fan blades. Correct wire length eliminates extra stress on the boot and terminal, and ensures a reliable connection. It also eliminates sharp bends in the wire, which can cause higher resistance and result in premature wire failure.

To be sure your wires always fit, always specify Standard Premium Ignition Wires!

- * For a complete listing of all wire set applications, refer to our most current Engine Management Application Guide, or visit our website www.StandardBrand.com.



**6000 SERIES
HIGH TEMPERATURE**
8mm Gray Silicone



**7000 & 9000 SERIES
HIGH TEMPERATURE**
7mm Black Silicone



**55000 SERIES
NORMAL TEMPERATURE**
Import Applications
Black

MOTORCYCLE WIRE SETS

MOTORCYCLE WIRE SETS

Part No.	Application	OEM No.
MC1105	84-80 FLH, 99-85 Softail, and 98-91 FXD	32093-98
MC1106	96-85 Evolution 1340 FLT, FLHT, FLHR, and 93-82 FLHS	32091-98
MC1107	99-82 FXR	32090-98
MC1108	02-86 XL, except XL1200S	32092-98
MC1109	98-97 FLHT, FLHCT, FLHTCU, FLHR	32094-98
MC1110	02-99 Touring, FLHT, FLT	31932-99
MC1111	99-up Dyna	31930-99
MC1112	98-up 4 plug XL1200S	32054-98
MC1113	00-up Softail	32358-00A
MC1115	06-04 XL	31958-04A
MC1116	07-up XL	31901-08
MC1117	09-up Touring	32325-08



Universal Fit

STANDARD® Universal Kits come complete with easy to install brass locking terminals and easy to follow instructions.

Part No.	Application	OEM No.
MC1104	Universal application except 98-up XL1200S and 99-up Twin Cam.	32095-98
MC1114	Universal 4 plug kit for dual coil or 4 cyl.	



Copper Core

For older points-style applications we offer a 'Copper Core' wire for special improved electrical conductivity and mechanical strength. These 'Copper Core', non-resistive sets should be used with only point-style ignitions. All of our ready to install top of the line wire sets are made in the USA.

Part No.	Application
MC1101	69-58 XL, XLCH with Magneto
MC1102	78-71 XLH, XLCH
MC1103	78-65 FL, FLH, 78-71 FX, FXE

