

Supplemental Information & Instructions for Premium Low-Friction Throttle Cables

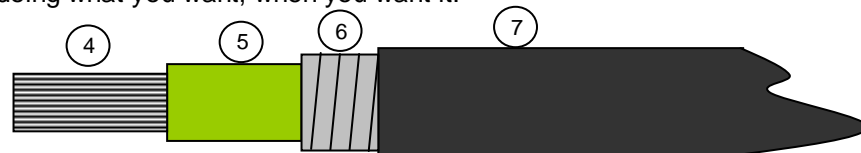
Low friction?

Many replacement throttle cables are made to fit within a price range to stay “competitive”. Less expensive material tended to include a relatively coarse sliding cable (1) and an unlined steel outer cable (2). These generated enough friction to affect the way your car responded to your foot on the gas pedal. It was especially noticeable when accelerating away from a stop – a light foot on the gas pedal had no effect, and as you applied more pressure, the cable suddenly slipped free and the car jerked forward -an unpleasant reminder of your first time driving a car with a manual transmission, and all because of too much friction.



So what is the solution?

If the problem is too much friction, the solution is to reduce the friction. Start with a high quality inner cable (4) that is made from small diameter stainless steel wire strands tightly wound in a smooth spiral. Put that in a sleeve (5) made from a low friction (slippery) material that is wear resistant, and tough enough to live in the hot confines of the engine compartment. Run that sleeve inside the coiled steel outer housing (6) which protects the inner sleeve and cable. Wrap that in a black plastic cover (7) to keep the moisture, grit and dirt out of the entire cable assembly. With this cable in your car, you can roll on the throttle and get the instant incremental response you want. The same applies as you let off the gas- the throttle is once again doing what you want, when you want it.



Exactly what is the “slippery stuff”?

Suffice it to say that the inner tube (5) the cable slides in is a synthetic plastic that is stable from -58°F to 248°F (-50°C to +120°C). It will retain its shape (meaning it won't swell or shrink) and its low friction properties throughout the temperature range it is likely to see under the hood of your car.

Although every effort has been made to ensure the accuracy and clarity of this information, any suggestions that you may have that will improve the information (especially detailed installation notes) are welcome. Please use the simple email form on the “**Contact Us**” page on the Moss website: <http://www.mossmotors.com/AboutMoss/ContactUs.aspx>
If you prefer, you may call our Technical Services Department at 805-681-3411. So many people call us for help that we are often not able to answer the calls as fast as we'd like, and you may be asked to leave a message. We apologize in advance for the inconvenience. We will make every effort to get back to you within 2 business days, but we will sometimes take longer.



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