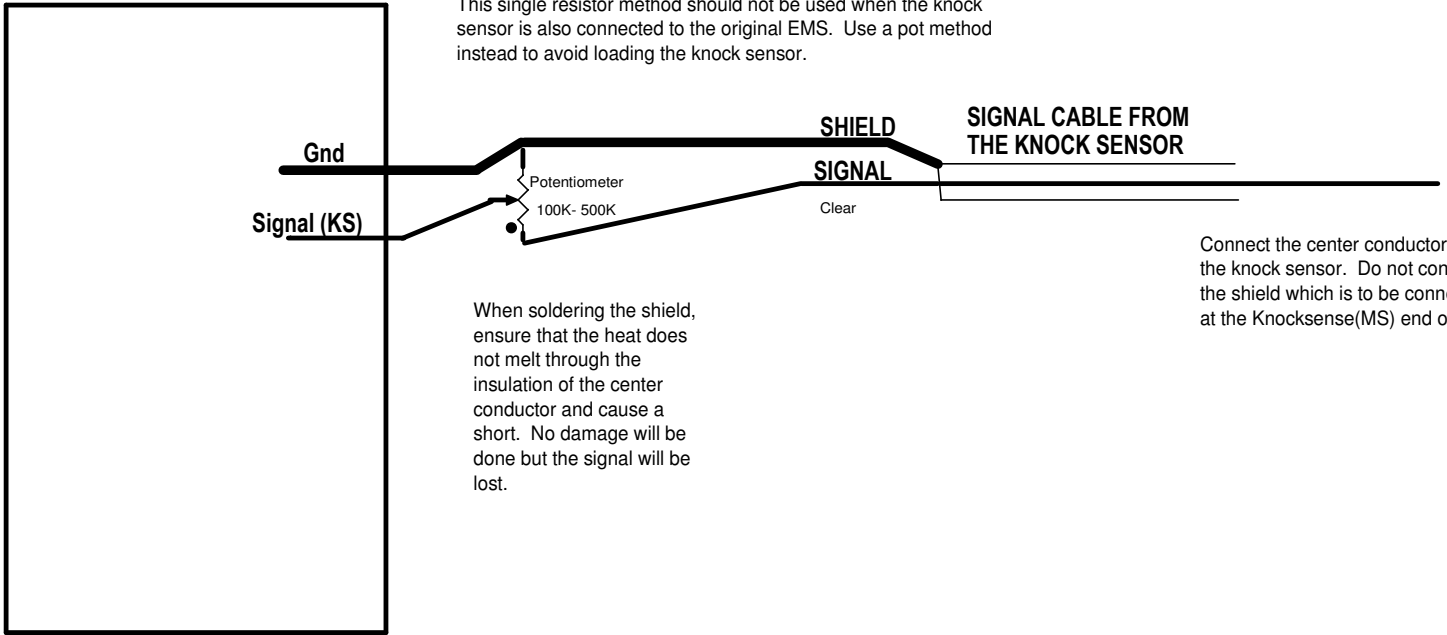


OPTIONAL KNOCK SIGNAL ATTENUATION WIRING.

In some rare cases the residual engine noise is so high that it might be necessary to attenuate the overall signal to bring it in the operating range. If a pot is not available, a fixed resistor divider can be substituted. Even a single fixed resistor placed in parallel with the sensor would load it and serve as a brute force attenuator. 100K directly across Gnd and Ks will attenuate the signal by 50%.

This single resistor method should not be used when the knock sensor is also connected to the original EMS. Use a pot method instead to avoid loading the knock sensor.

Knocksense or KnocksenseMS



When soldering the shield, ensure that the heat does not melt through the insulation of the center conductor and cause a short. No damage will be done but the signal will be lost.

Title		
KNOCK SIGNAL ATTENUATION WIRING.		
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A	300310	1.1
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