

Brush Interference Suppressor Set Item # 71502

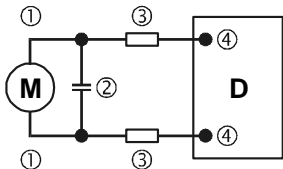
Eliminates Brush Interference
in HO Digital Locos

Contents: 1 capacitor, 2 choke coils

By nature electric motors generate commutator noise that can scramble data transfer to a decoder beyond recognition, so that operation may become impossible. This can lead to the loco driving at wrong speeds or to the loco suddenly changing its driving direction.

Newer locos feature factory installed noise suppressors, however older models must be retrofitted by adding appropriate electronic components.

A capacitor is connected parallel to the motor and two inductors (coils) are connected in series with each motor lead.



- ① Motor leads
- ② 100 nF Capacitor
- ③ 10 μ H Choke coil
- ④ Decoder motor wires