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# Broken Couplings

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Broken Couplings  
Vol.21 #1, June 1994


If you have problems with broken couplings between DC motors and tachometers, try switching to a stiffer coupling.

It is possible for the combination of the rotational inertia of the tachometer and the torsional stiffness or the coupling to result in a torsional natural frequency close to the frequency generated by the firing pattern of the DC drive's SCRS. When this happens, the coupling can be destroyed very quickly.

See also:

- [DC drive failure](#)
- [Drive motor start up](#)
- [Motor overheating](#)

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