

Electromagnetic Clutches & Brakes



[Home](#) |
 [About](#) |
 [What's New](#) |
 [Technical](#) |
 [Contact Us](#) |
 [Links](#) |
 [Search](#)

PRODUCTS MENU

• Industrial Products

• Mobile Products

Mobile Clutches

Why They Work So Well

Typical Applications

Installation Procedures

Troubleshooting

[Clutch Will Not Disengage](#)

[Clutch Will Not Engage](#)

[Clutch Slips](#)

[Noisy Clutch](#)

Mobile Models/Dimensions

General Purpose

PTO Clutch/Brake

• Air Blower Products

[Home](#) » [Mobile Products](#) » [Troubleshooting](#) » [Clutch Will Not Disengage](#)

Potential Problem	Possible Reason	Solution
Voltage not releasing.	Faulty switch.	Replace switch.
Rotor and armature locked together.	The clutch has been severely galled and has locked up. (Galling is the condition whereby a piece of metal is trapped between the armature and the rotor and melts due to high pressure and heat, spot welding the surfaces together.)	If rotor and armature cannot be separated, replace the clutch. If they do separate, follow burnishing procedure.
Pulley bearing locked.	Bearing lost grease due to seal problem, temperature or water contamination. (Example)	Replace clutch.
Voltage is going to the clutch but the clutch will still not engage.	The air gap is too large. (Example)	If straight bore the air gap can be readjusted. If unit has set screw, bottom out armature hub against field then back off to 0.1 inches and retighten set screw. If spacers are used on straight bore reduce the width of the spacer. If it's a taper bore clutch tap on the armature cover plate to close air gap.

Translate page into:

Russian

Go!

About Us

- Profile
- Video Segments
- Other Ogura Companies

What's New

- Latest News
- Magazine Editorials
- Recent Press Releases
- Ogura Quarterly Newsletter
- Trade Magazine Ads

Technical

- Formula Worksheet (PDF)
- Conversion Calculators
- Inertia Calculator

Contact Us

- Sales Representatives
- General Inquiry Form
- Application Form Information

Links

- Industry and Reference
- Company Associations

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