MUIRHEAD®
PROTECTION SYSTEMS

VARIABLE RETARDER ACTIVATION KIT

The **Muirhead®** Variable Retarder Activation kit is designed to operate in conjunction with the **Muirhead®** Overspeed and Over RPM system. The system activates the vehicle's retarder relative to the vehicle's load status. If a speed violation occurs whilst the vehicle has no load or a light load, the retarder activates less than if the machine had a full load. Therefore allowing the retarder application to automatically adjust to suit the load characteristic of the vehicle

The variable retarder is controlled by a programmable module which activates only when an overspeed or over RPM violation occurs. The system receives inputs from the machines strut pressure sensors to determine the machine's load status. On detection of the load status, the controller activates a proportional pneumatic valve, regulating the vehicle's retarder application in relation to its load.

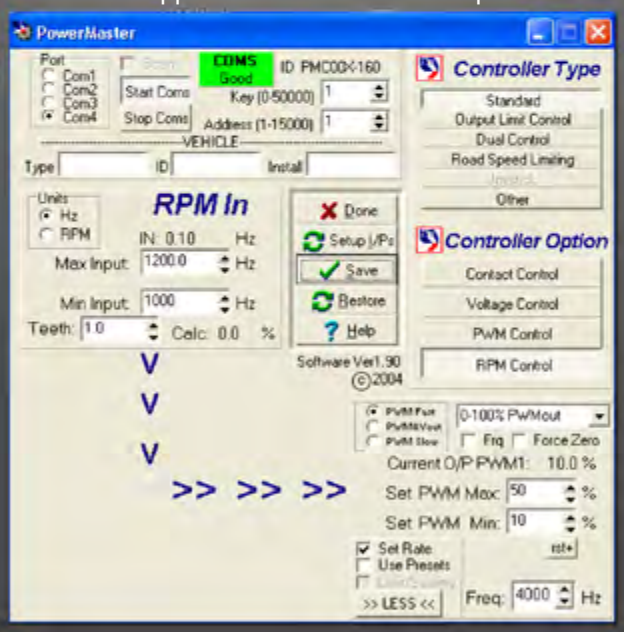
FEATURES & BENEFITS:

- Programmable control
- Quality components
- Easy to program
- Supplied in kit form
- Reliable electronics
- Australian made
- Prevents accidents related to overspeeding
- Reduces engine damage caused by over revving
- Reduces brake wear
- Controls vehicle abuse
- Smooth application

Only suits Caterpillar trucks with air operated retarders

Part No. 1991	Variable retarder activation kit

Other applications available on request



Part No. 3314	Programming lead
Part No. 9990	Set up & diagnostics software

Manufactured by:

REMOTE CONTROL TECHNOLOGIES PTY LTD

PERTH
Unit 2-5/511 Abernethy Road
Kewdale Western Australia 6105
Ph: +61 8 9353 6577
Fax: +61 8 9353 6578

KALGOORLIE
24 Percy Road
Kalgoorlie Western Australia 6430
Ph: +61 8 9021 1600
Fax: +61 8 9091 4927

MT ISA
1A Ryan Road
Mt Isa Queensland 4825
Ph: +61 7 4749 0233
Fax: +61 7 4749 0232

BRISBANE OFFICE: +61 7 3880 1231 **MELBOURNE OFFICE:** +61 3 9545 5859

www.rct.net.au
sales@rct.net.au

Copyright© Remote Control Technologies Pty Ltd

For a copy of RCT's Product Liability Statement go to http://www.rct.net.au/product_liability.pdf