

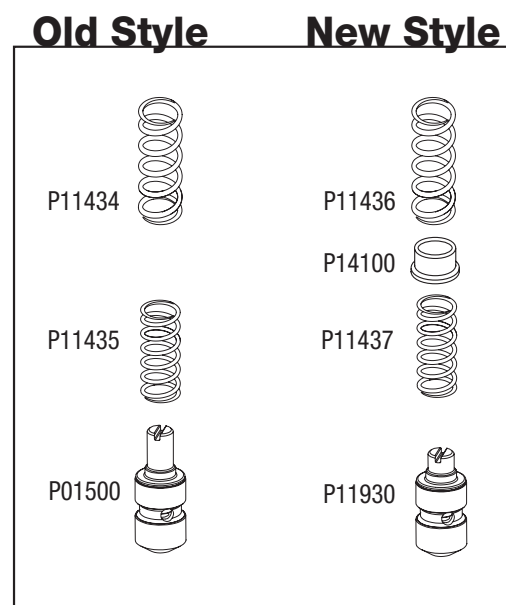
Pacbrake P-14 engine brakes are subject to a campaign of the control valve, inner and outer control valve spring and installation of a new spring collar.

Serial numbers affected are from 140000 to 142093

This service must be performed at the earliest possible convenience. Labor claims should be submitted directly to Pacbrake on a completed Pacbrake claim form and must have the engine brake housing serial numbers and truck VIN number. The maximum allowable repair time to perform this repair is one hour. Replacement parts do not need to be returned.

Procedure

- 1) Check the drivers door jamb for Pacbrake campaign sticker. If the sticker exists the campaign has been performed. If no sticker exists proceed to step 2.
- 2) Clean the top of the engine around all three valve covers.
- 3) Remove all three valve covers.
- 4) Remove all of the control valve retaining rings and washers. Use caution as the retaining washers are under spring pressure.
- 5) Remove the inner and outer control valve springs, discard springs.
- 6) Remove all the control valves and discard.
- 7) Install the new P11930 short neck control valves supplied in this kit. Use clean engine oil when installing and check to ensure the control valve moves freely in the bore.
- 8) Install the new inner control valve spring supplied over the neck of the control valve.
- 9) Install the new collar supplied with the flange end against the control valve.
- 10) Install the new outer spring supplied, it must be positioned with the collar inside the coils and sit on the flange.
- 11) Install the retaining washer and snap ring. Ensure the retaining ring is seated in the groove.
- 12) Reinstall the valve covers.
- 13) Apply decal to the drivers side door jamb.



Refer to Service Bulletin #167