

WINCHES AFFECTED: CATERPILLAR PA55, PA56, 527**SUBJECT:** Product Improvements to Clutch Assembly - PN 211-1631

Since the introduction of the 211-1631 Clutch Assembly in early 2001, several enhancements have been made to aid usability and increase product life. The components listed below are no longer available for service in this assembly. The listed replacement parts should be requested if a need arises. All new components are fully backward compatible with the 82897 clutch assembly.

<u>OLD P/N</u>	<u>DESCRIPTION</u>	<u>REPLACEMENT P/N</u>
161-6439	Clutch Piston	Need new P/N (107265 Paccar PN)
118-5851	Clutch Spring	211-1640
118-6566	Spring Retainer	295-1797

Clutch Piston: The clutch piston material was changed from aluminum to ductile iron.

Clutch Spring: The piston return springs were replaced by springs with slightly more force but less free length. The new springs, PN 211-1640, are identified by their 1.25 in. (32 mm) free length.

Spring Retainer: The spring retainer was changed to add guide lugs that match up with the spring bores in the piston to ensure there is no relative motion between the clutch piston and spring retainer.

Also, the pressure plate, PN 211-1641, has undergone some changes from its original form. The part number remains unchanged. The improved part has a faint "copper" coloration when viewed under brightly lit conditions.

For questions regarding this service bulletin, or any other question regarding your PA55/PA56 winch, please contact a Caterpillar dealer.