



# Technical Parts Gram



## Assembly instructions for Interstate-McBee piston skirts used in C12 model Caterpillar® engines

Review the compatibility guidelines in the table below for installing the unique Interstate-McBee type piston skirt part number MCB2382712. The Interstate-McBee style skirt has a retainer groove in each piston pin bore for pin retention of the MCB1979251 Interstate-McBee piston pin. The OEM type skirt can be identified by the absence of retainer ring grooves and the OEM type pin can be identified by the non-metallic plugs at each end of the pin.

Skirt type	Pin type	MCB Retainers	Acceptable
Interstate-McBee	Interstate-McBee	Mandatory	Yes
Interstate-McBee	OEM	Discard	Yes
OEM	OEM	Discard	Yes
OEM	Interstate-McBee	- -	No

### Basic assembly:

1. Ensure all components are clean.
2. Place skirt onto the crown and align assembly to the connecting rod.
3. Lube pin with clean engine oil and install the pin into the piston and rod.
4. Install the pin retainers when using MCB1979251 pins. **WARNING- DO NOT attempt to install the snap ring retainers if an OEM style pin is being used.**
5. Install the piston rings.
6. Properly installed retainer shown above.

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