

Service

INFORMATION

PAGE 1/1

SUBJECT **C20079 Field fix kit**

APPLICATION **Duramax Exhaust Brake**

Please follow these instructions carefully to provide proper installation.

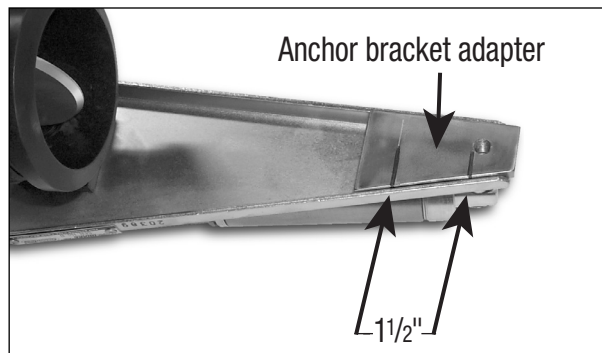
This kit is designed to support the lower portion of the exhaust brake assembly and will help to prevent vibration.

PROCEDURE

- 1) Remove the transmission bell housing capscrew shown in the photo and install the support brace (end with the round hole) on this capscrew loosely. Position the brace near the lower end of the exhaust brake anchor bracket. Install the anchor bracket adapter in the lower end of the anchor bracket, align the support brace to the adapter. The elongated hole in the brace should line up with the tapped hole in the adapter. If not, the exhaust brake was not centered on the exhaust outlet flange when originally installed. This will create a problem because the header pipe flange is welded on at an angle and adjustment of the exhaust brake is limited. If this is the case the support brace may need to be bent differently to accommodate.
- 2) Once the support brace is aligned to the anchor bracket adapter, mark the location of the two holes in the adapter. There are two scribed lines on the side of the anchor bracket adapter to indicate the location required to drill the two 9/32" holes in the anchor bracket flange, these holes are 1 1/2" apart. Install the two 1/4" capscrews with lock washers and tighten. Install the 3/8" bolt through the elongated hole in the support brace. Tighten all capscrews evenly. Install the heater hose over the lower transmission cooling line to avoid the possibility of it rubbing on the support brace, secure the hose with the tie-straps provided. (shown in photo).
- 3) This kit also contains a larger piece of hose which must be wrapped over the cylinder. When installed it will deaden any vibration and protect the cylinder. Secure with tie-straps provided.

Kit includes

| | | |
|---|------------------------|--------|
| 1 | support brace | C18004 |
| 1 | anchor bracket adapter | C20076 |
| 1 | bolt 3/8" x 1" | C18005 |
| 1 | lock washer 3/8" | C18006 |
| 1 | flat washer 3/8" | C18007 |
| 2 | capscrews 1/4" x 3/4" | C18010 |
| 2 | lock washer 1/4" | C18011 |
| 1 | heater hose | C18008 |
| 4 | tie-straps | C11816 |
| 1 | hose for cylinder | C18009 |



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