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MiscRes: Video

Keihin CV Carburetor Videos

Audio and Video of CV Carb Diaphragm Good and Bad

Videos by chrishajer [from this XLForum thread](#)

CBAS5 and I videotaped what a good diaphragm sounds like when it's installed, and also what a bad one sounds like. There's a huge difference, but until you see it or hear it in person, it's hard to describe. I think the sound and the speed that the slide comes down are the two most important things. Those things you can't describe to someone really. But it's absolutely the best way to verify that the diaphragm is seated properly. The carburetor in the video is on a 2005 Sportster but applies to any CV carburetor mounted to Sportsters.

1. This is what a H-D CV carburetor diaphragm sounds like when the diaphragm is pinched or torn, or the top is otherwise not seated properly. ¹⁾
2. This is what a H-D CV carburetor diaphragm is supposed to sound and look like. ²⁾
Use this as a reference when you are reassembling your carburetor after removing the top cover.

100-carb_bad_2005_harley_xl_cv_carb_diaphragm_by_chrishajer.mp4	100-carb_good_2005_harley_xl_cv_carb_diaphragm_by_chrishajer.mp4
1. Bad Diaphragm ³⁾	2. Good Diaphragm ⁴⁾

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¹⁾

<https://www.youtube.com/watch?v=k1YOkoekleA>

²⁾

<https://www.youtube.com/watch?v=L4knwjINC1o>

³⁾

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:100-carb_bad_2005_harley_xl_cv_carb_diaphragm_by_chrishajer.mp4

⁴⁾

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