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REF: Engine Mechanicals - Sub-07J

Further Study of the 79-E82 Reed Valve

1979-E1982 Breather Valve

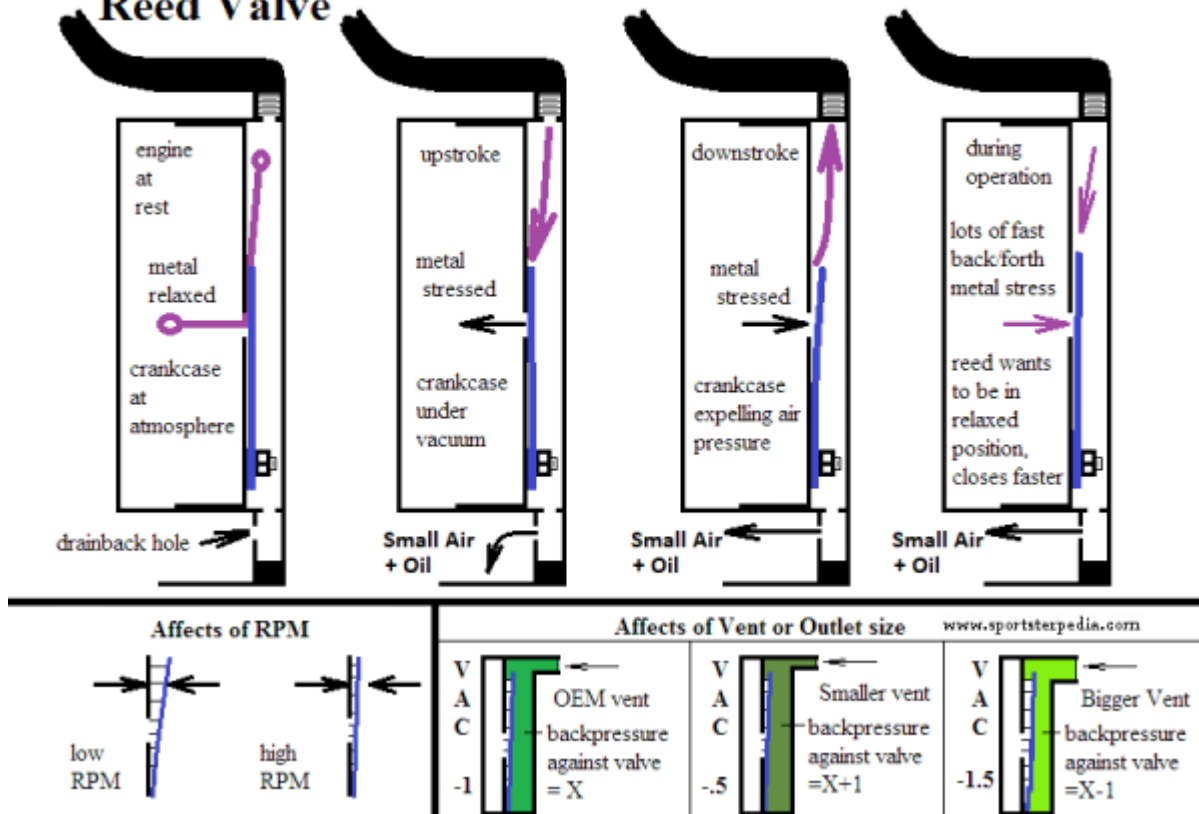
- Reed Valve Assembly (26909-79).
- Breather vent fitting thread size at the cam cover is 1/8" NPT. ¹⁾
- Rubber hose connects to the cam cover fitting at the 10 o'clock position and runs to the stock air filter.

This way any oil mist that makes it past the reed valve is fed back through the engine.



1979-E1982 Reed Valve

During operation, the reed is flexed in and outward. It's stressed positions influence it back toward the relaxed position when pressure reverses. Thus it doesn't take long to act.



4)

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1)

IronMick of the XLFORUM

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/108888-cam-cover-vent-thread-size?t=1003815>

2)

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<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/42665-79-ironhead-breather-check-valve?highlight=breather#post877147>

3)

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<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/42665-79-ironhead-breather-check-valve/page2?t=113861&highlight=breather&page=2>

4)

drawing by Hippysmack

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