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MiscRes: Video



Bikes

Noises??? Here's my 1978 Anniversary Edition followed by my 1980. IMO this is the sound of a well tuned, good running IronHead. You can hear each of the parts of the IronHead symphony at various times in the video. Listen for the exhaust sound and the valve train. Listen especially when the camera is close to the engine, both sides... ^{1) 2)}

The 1980 IronHead became extra noisy about 40,000 KMs after top and bottom rebuild. Replaced cams; bushings and bearings good. Chains, push rods adjusted. Oils, tuneup good. No leaks. Conclusion: this is the sound of a well adjusted, well tuned IronHead. A symphony of cams, solid lifters, push rods, rockers, valves and valve springs.

02_1978_sportster_75th_anniversary_edition_refurbish_iv_by_ironmick.mp4	02_1980_ironhead_noise_or_symphony_by_ironmick.mp4
1978 IronHead: ³⁾	1980 IronHead: ⁴⁾

Mileage??? This video is from May 19, 2012 (with mileage rolling over 99999.9_to_00000.0). Speedo read 35137.3 miles by June 4th, 2015. ⁵⁾

02_1978_ironhead_speedo_rolls_over_99999.9_to_00000.0_by_ironmick.mp4
Speedo Rolls Over to 00000.0: ⁶⁾

Earlier videos of the 1978.

02_1978_sportster_75th_anniversary_edition_refurbish_i_by_ironmick.mp4	02_1978_sportster_75th_anniversary_edition_refurbish_ii_by_ironmick.mp4	02_1978_sportster_75th_anniversary_edition_refurbish_iii_by_ironmick.mp4
1978 Refurbish I: ⁷⁾	1978 Refurbish II: ⁸⁾	1978 Refurbish III: ⁹⁾

Transmission

1978 Ironhead transmission on the bench rolling in the different gears.

02_1978_ironhead_transmission_in_neutral_by_ironmick.mp4	02_1978_ironhead_transmission_in_1st_gear_by_ironmick.mp4	
Neutral: ¹⁰⁾	1st Gear: ¹¹⁾	
02_1978_ironhead_transmission_in_2nd_gear_by_ironmick.mp4	02_1978_ironhead_transmission_in_3rd_gear_by_ironmick.mp4	02_1978_ironhead_transmission_in_4th_gear_by_ironmick.mp4
2nd Gear: ¹²⁾	3rd Gear: ¹³⁾	4th Gear: ¹⁴⁾

Starter

Bench Test a Solenoid

[Click Here](#) to read the full thread.

[02_bench_test_solenoid_from_ironhead_sportster_by_ironmick.mp4](#)

Solenoid Bench Test ¹⁵⁾

Bench Test Starter Motor

First part of video shows the setup: starter in bench vice, -ve battery cable connected to the starter case at one of the long bolts, +ve battery cable not connected.

In the second part of the video the +ve battery cable is touched momentarily to the starter motor stud. This motor runs.

- Bench test: [Click Here](#) to read the full thread (Refurbish and Bench Test Starter Motor).
 - Starter motor firmly held in a vice
 - Vice firmly clamped to workbench
 - Battery cables used [8 gauge], not simple wires
 - Jumper starter motor mount bolt to battery -ve
 - MOMENTARILY jumper battery +ve to stud on starter motor

[02_starter_motor_bench_test_ironhead_by_ironmick.mp4](#)

IronHead Starter Motor Bench Test: ¹⁶⁾

Head Gasket Leak

It sounded to my ears like an air leak....a repeating squeak, and it is cyclic but does not sound rotational. Also it was most noticeable at the rear rocker cover/cylinder head area..... a chirp. In diagnosing the air leak (beneath the cooling fin directly beneath the new plug hole), I could practically fly a kite at the spot of the leak. After finding it I stuffed a kleenex in there and it muffled the sound.

[02_ironhead_head_gasket_leak_by_ironmick.mp4](#)

Listen for the squeaking!: ¹⁷⁾

[Go To Technical Menu](#)

1)

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/196556-23-years-old-just-bought-a-1980-xlh#post4292957>

2)

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/96557-1978-refurbish-complete-video>

3)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_sportster_75th_anniversary_edition_refurbish_iv_by_ironmick.mp4

4)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1980_ironhead_noise_or_symphony_by_ironmick.mp4

5)

<https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-era-specific-and-model-specific/ironhead-sportster-motorcycle-talk-1957-1985/176440-how-many-miles-on-your-odo#post3773400>

6)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_ironhead_speedo_rolls_over_99999.9_to_00000.0_by_ironmick.mp4

7)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_sportster_75th_anniversary_edition_refurbish_i_by_ironmick.mp4

8)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_sportster_75th_anniversary_edition_refurbish_ii_by_ironmick.mp4

9)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_sportster_75th_anniversary_edition_refurbish_iii_by_ironmick.mp4

10)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_ironhead_transmission_in_neutral_by_ironmick.mp4

11)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_ironhead_transmission_in_1st_gear_by_ironmick.mp4

12)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_ironhead_transmission_in_2nd_gear_by_ironmick.mp4

13)

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_ironhead_transmission_in_3rd_gear_by_ironmick.mp4

[onmick.mp4](#)

¹⁴⁾

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_1978_ironhead_transmission_in_4th_gear_by_ironmick.mp4

¹⁵⁾

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_bench_test_solenoid_from_ironhead_sportster_by_ironmick.mp4

¹⁶⁾

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_starter_motor_bench_test_ironhead_by_ironmick.mp4

¹⁷⁾

Link to file in Sportsterpedia:

http://www.sportsterpedia.com/lib/exe/fetch.php/video:02_ironhead_head_gasket_leak_by_ironmick.mp4

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