

1940 1947 Harley Davidson Big Twins Knucklehead Flathead Service Repair Workshop Manual 1940 1941 1942 1943 1944 1945 1946 1947

1940 1947 Harley Davidson Big Twins Knucklehead Flathead Service Repair Workshop Manual 1940 1941 1942 1943 1944 1945 1946 1947 Keeping Your Classic Harley Davidson Knucklehead Running Smooth A Comprehensive Guide to Servicing Your 1940 1947 Big Twin

Owning a classic 1940 1947 Harley Davidson Knucklehead or Flathead Big Twin is a dream for many motorcycle enthusiasts. These iconic machines represent a golden age of motorcycle engineering, but their age means regular maintenance and the occasional repair are crucial to keeping them on the road and looking stunning. Finding the right information can be challenging, which is why we've compiled this comprehensive guide to servicing your vintage Harley. Well dive into using a 1940 1947 Harley Davidson Big Twin Knucklehead Flathead service repair workshop manual and provide practical advice to keep your pride and joy in top condition.

Why a Workshop Manual is Your Best Friend

Before we jump into specifics, let's emphasize the importance of a good workshop manual. A genuine 1940 1947 Harley Davidson Big Twin Knucklehead Flathead service repair workshop manual is an invaluable resource. It provides detailed diagrams, specifications, and step-by-step instructions for virtually every aspect of maintenance and repair. Think of it as your bible for keeping your classic Harley running smoothly. Don't attempt major repairs without one. You can often find these manuals online through reputable sellers or at vintage motorcycle parts suppliers.

Visualizing Your Engine: Knucklehead vs. Flathead

While both were produced during this period, understanding the visual differences is important. The Knucklehead's name comes from its distinctive rocker box shape, which resembles knuckles. The Flathead, on the other hand, features a simpler, flatter cylinder head design. Both require similar general maintenance procedures, but specific parts and adjustments might differ. Your workshop manual will clearly distinguish between these engines.

Insert image here: side-by-side comparison of Knucklehead and Flathead engine.

2. Ideally Sourced for Copyright Compliance: Essential Maintenance Tasks

A How-To Guide

Let's delve into some essential maintenance tasks you can perform yourself with the aid of your workshop manual:

1. Oil Change: This is arguably the most crucial maintenance task. Your manual will specify the correct type and quantity of oil for your specific engine. How-to: Warm up the engine, locate the drain plug, consult your manual for precise location, drain the old oil, replace the drain plug, and then add the new oil via the filler cap. Check the oil level using the dipstick. Remember to also replace the oil filter if your model uses one.
2. Valve Adjustment: Proper valve adjustment is vital for engine performance and longevity. How-to: This is a more intricate process. Your manual will guide you through checking and adjusting valve clearances using feeler gauges. The process involves loosening lock nuts, adjusting the pushrods to achieve the correct clearance, and then tightening the lock nuts.
3. Carburetor Cleaning and Adjustment: The carburetor is the heart of your fuel delivery system. How-to: Regular cleaning prevents performance issues and ensures optimal fuel mixture. Carefully dismantle the carburetor, refer to your manual for detailed instructions, clean all parts with carburetor cleaner, and reassemble, ensuring correct adjustments.
4. Spark Plug Inspection and Replacement: Worn or fouled spark plugs drastically affect engine performance. How-to: Regularly inspect spark plugs for wear, fouling, or damage. Your manual will specify the correct gap setting. Replace worn plugs with the correct type.
5. Chain Adjustment and Lubrication: Keep your primary and drive chains properly adjusted and lubricated for smooth running and longevity. How-to: Check chain slack using the correct measurement specified in your manual. Adjust chain tension by moving the rear axle. Lubricate the

chain regularly with appropriate chain 3 lubricant Insert image here illustrating chain adjustment and lubrication Beyond Basic Maintenance When to Seek Professional Help While many tasks can be tackled at home some repairs necessitate professional expertise Major engine overhauls electrical system repairs and frame work are best left to experienced mechanics specializing in vintage Harleys Summary of Key Points A 1940 1947 Harley Davidson Big Twin Knucklehead Flathead service repair workshop manual is indispensable for servicing your classic motorcycle Regular maintenance including oil changes valve adjustments and carburetor cleaning is crucial for longevity and performance Understanding the visual differences between Knucklehead and Flathead engines aids in pinpointing specific parts and procedures Dont hesitate to seek professional help for complex repairs 5 Frequently Asked Questions FAQs 1 Where can I find a workshop manual Online retailers specializing in vintage motorcycle parts eBay and dedicated HarleyDavidson forums are good starting points 2 What type of oil should I use Your workshop manual will specify the correct type and weight Using the wrong oil can seriously damage your engine 3 How often should I perform an oil change Aim for an oil change every 1000 1500 miles or as recommended in your manual 4 My motorcycle is leaking oil What should I do This could indicate a variety of issues Consult your manual and if unsure seek professional help 5 Can I use modern parts on my classic Harley While some modern parts might be compatible always prioritize original parts or those specifically designed for vintage Harley Davidsons to maintain authenticity and avoid compatibility issues By following these guidelines and consulting your workshop manual you can ensure your 1940 1947 Harley Davidson Big Twin Knucklehead or Flathead remains a reliable and enjoyable ride for years to come Remember proper maintenance is the key to preserving this piece of motorcycle history 4

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dec 14 2022 looking for information on a chrysler flathead straight 8 engine wikipedia states that it exists but i find very little information and the photos of this engine are in poor quality

aug 29 2024 while driving my 50 coronet i noticed smoke coming into the car and out from under the hood what would cause that

nov 16 2020 flat head six cylinder engine in an airport tug troubleshooting december 2010 manolet ramos wrote from an airport in manila philippines we use a chrysler flathead six

dodge power wagon engines the 94 hp 230 cu in flathead 6 powered truck was never going to win any speed contests but for the towns fire companies ranchers farmers and others who

mar 9 2022 i have a machine with a chrysler industrial flat head six and need a starter the numbers are autolite part 670662 there are other s ax4048 12 stamped vertically in front

dec 21 2019 when chrysler introduced firepower for 1951 ford was still selling flathead v8 s chevy and pontiac didn t get ohv v8 s until 1955 buick 1954 and cad and olds 1949

aug 31 2012 it is a spitfire flathead and i would like to know if it is a 251 or 265 the engine block has the stamped number 1727934 perhaps with a t in front of it above the front freeze

may 7 2021 the older torqueflites up through 1961 i believe were cast iron case models with a separate converter housing the 727 is the aluminum case with the integral converter

nov 16 2020 the big chrysler flathead eight was a 385 cubic inch engine 384 8 to be exact made from 1931 37 for the cg ch cl cw and cw it had a bore of 3 5 inches and a

jan 16 2017 some idle solenoids in this era had an a c idle adj allen screw underneath the visible flathead adj screw after setting the a c idle the regular screw was put back in and

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