

KEEPING YOUR BAGGER COOL

INSTALLING THE LOVE JUGS COOLING SYSTEM



The Cool Master cooling system by Love Jugs not only improves your hot-weather riding, it also enhances the bike's looks.

Most V-twin motors are cooled by ambient air flowing over the cooling fins of their cylinder barrels and heads. But, when riding in heavy stop-and-go traffic during the summer, there might not be enough air circulating over those fins. Although the motor's fins stick out, the air around them is stagnant. Therefore, if you can give the air a little push, your motor will be ever so pleased. This fact was not lost on the folks at Love Jugs, who hail from Delray Beach, Florida, which not only has heavy traffic but can also get steaming hot in the summer.

Love Jugs' answer to cooling V-twins is simple: force



The Cool Master kit comes completely assembled and ready to install.

the stagnant air to flow over the motor's cooling fins. To that end, they developed a cooling system that mounts a pair of high-performance cooling fans adjacent to the left side of each of the motor's cylinder heads, so the tops of the fans are about level with the spark plugs. To make their system visually in-sync with the looks of a V-twin motor, they enclosed each fan in a custom housing. There are three versions available: the Original Love Jugs Slots design; the Original Love Jugs Bullet Design; and the Cool Master. The Slots and Bullet styles have a chrome finish. The Cool Master can be had in three finishes: polished



The Vibration Master mounting kit will keep the motor's constant vibrations away from the Cool Master and your horn.



Our starting point was the bike's left side.



The Vibration Master will be attached to the factory horn-mounting bracket, which is bolted to the motor's cylinder heads.

stainless steel; gloss black powdercoated; or flat black powdercoated.

One of our riding buddies has put over 40K miles on his hopped up Ultra Classic, and many of those miles were logged while riding in Southern California during scorching hot days. For that bike, he ordered a stainless steel Cool Master (P/N CM-1, \$399) and one of Love Jugs Vibration Master mounting systems (P/N VM-1, \$79). Dave Rivera Bartels' Harley-Davidson did the installation, which took slightly more than an hour, mostly because we kept stopping Dave to shoot pictures. He did the install exactly as the included instructions said. The hardest part was removing the factory horn's rubber mount, which had a hefty dose of red Loctite on it. The install didn't require any special tools.

We think the Love Jugs cooling system does a couple of things: it cools the motor's cylinders and it cools the motor's oil down. After a hard ride on one of our hotter days, we measured a 34° drop in the oil's temperature, which is a good thing. So if you ride in a lot of hot weather, the Love Jugs cooling system will make your bike love you.

—Wendell Christopher

SOURCE:
Love Jugs
Love-jugs.com

Bartels' H-D
310-823-1112
Bartelsharley.com



The factory rubber horn-isolating mount was unscrewed from its mounting bracket.



The Vibration Master's mounting plate uses two rubber isolators to support the Cool Master and the horn.



The Vibration Master was bolted to the factory horn-mounting bracket.



The Vibration Master's outer plate and the Cool Master fan assembly with the stock horn attached were bolted together.



The completed fan assembly was bolted to the outer studs on the rubber isolators.



The Cool Master's wire harness was run back under the seat to the stock accessory harness connector and plugged in. The Love Jugs are now controlled through the accessory switch on the top of the fork cover.