

Yamaha / Star USA no longer provides support for lost keys. Obviously your best support is to have a couple spare keys made, and also to 'go easy' when turning the key in the ignition to preserve the lock cylinder as long as possible. For ignition and gas cap key lock lubricant, some swear by dry graphite and others swear by wet lube to avoid rainwater turning the dry lube to hard cake. I use wet lube but don't know if its an issue either way for the Warrior.

If you've lost your only Warrior key, and don't have the 'Key ID Slug' that comes with the keys when buying the bike new, and if the dealer where you bought the bike doesn't have it, there's something that's been successful for other Yamaha motorcycles sharing this same ignition cylinder design including gas cap.

First, get four or five aftermarket blank keys. They are NOT chipped. Ask the seller to confirm the key fits the Road Star Warrior motorcycle and go elsewhere if they can't confirm. You might try <http://www.motorcyclekeys.com/> and also check Popular Mods for any other URL's. Plus search eBay for: 'yamaha key blank.' If helpful to your search, the correct key is Yamaha part number 5PX-82511-09-00.

Second, open the 'Popular Mods' post and scroll down to 'Fuel Tank' and find the URL for the picture thread(s) showing how to disassemble the lock cylinder from the fuel cap. Print it out, then study it to prepare yourself to do it. Simple tools.

Now bring in an experienced automotive locksmith to pick the lock to your gas cap so you can open it. Time estimates average fifteen minutes. Then while the locksmith waits, shove a clean rag into the fuel opening then fully disassemble the cylinder from the gas cap while taking time to visualize as-you-disassemble how it will re-assemble. Pay attention to how the bits are oriented in the assembly.

With the gas cap cylinder in-hand, the locksmith can use one of your blank keys to hand-cut a new one-sided key to match the gas cap cylinder's configuration. Have several blanks on-hand because ruined keys can and do happen. Time estimates are around an hour to complete a smooth working single-sided gas key.

You know the same key operates both gas and ignition. But the gas cap does not use all the key's teeth like the ignition does. Reportedly it uses all the teeth but one. Therefore, once there is a smooth-working one-sided gas cap key, the locksmith can use curved files to cut the last tooth by gently testing it in the installed ignition switch. I'm told an experienced locksmith can do this in about thirty minutes.

Once you have a single-sided key working smoothly in the gas cap and the ignition, the locksmith can machine-cut another two-sided key, and use that to cut the last side of the manually cut key. While at it, have a couple more spares made too.

Its NOT necessary to remove the ignition switch when using this gas cap method. But if required, see: <http://www.r6live.com/r6-how-guides/981-how-make-key-your-ignition.html> for a similar-enough picture-thread.

Hope this helps.