



# ROSSWULF

Thank you for purchasing our distributor clamp for your Type 1 or 2 VW. The Ross Wulf clamp works with modern, billet distributors as well as cast iron, mechanical distributors. Ross Wulf distributor clamps are made with 6061 T6 aluminum and includes (1) M6 stainless bolt for clamping and (1) M8 stainless bolt for fastening to the case.

## Tools required:

13mm wrench  
10mm wrench  
6mm Hex Key Allen Wrench  
4mm Hex Key Allen Wrench

## Removal of existing clamp:

Remove the distributor cap and push aside to give clear access to the distributor. Undo any wires to the distributor (noting where they attach) and then loosen the nut on the distributor clamp. Pull the distributor out and set aside. Undo the nut on the stud holding the distributor clamp to the case and remove the distributor clamp. It is sometimes necessary on billet distributors to remove the clamp from the case and the distributor at the same time.

**Tip:** If you are unsure where your motor is timed and it is running well, check where your timing is set before removing your distributor. This way you have a timing mark for re-timing your motor after reinstalling your distributor.

## Installing Ross Wulf Clamp:

To make sure your new clamp works well, temporarily remove the seal from your distributor and clean all oil and grease from the distributor shaft.

**Cast Iron Mechanical Distributors:** Place the Ross Wulf clamp on your distributor and move the it back and forth to make sure that the casting clears the clamp completely. It's rarely a problem, but we have seen some odd castings that may need to be dressed before installing back on the motor.

**Billet Distributors:** It's a good idea to take an emery cloth and lightly sand the clamping area on the distributor. This will ensure the clamping surface will remain taught without slippage.

Install the Ross Wulf clamp on the distributor and **hand tighten** the M6 bolt so the clamp stays in place. Next reinstall the seal and wipe the seal with a small amount of oil to help slide in the case, keeping all oil away from the clamp.

There are two options now, if the case stud is long enough to secure your new clamp, you can use it with your existing nut, or remove it and use the supplied stainless M8 socket head bolt and washer. Install the distributor in reverse order of removal and set your timing.

**Caution:** Special care must be taken when tightening bolts in aluminum, and the Ross Wulf distributor clamp. Standard practice for all threaded aluminum parts is to hand-tighten and then give a ¼ - ½ turn. Overtightening aluminum parts may damage threads or overstretch and damage the part.

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