



Installation Instructions

For technical questions or assistance
Email tech@thundermfg.com or call 623-869-7151

Congratulations on your purchase of the **Honda 750 Ace & Spirit Thunder Air Filter Kit**. We're sure you'll be pleased with the new level of performance you'll experience. This kit should be installed on bikes with After Market Exhaust Pipes only and jetted, (jet kit not included). We recommend that an experienced mechanic perform this conversion. Use the appropriate Honda service manual for reference to complete jetting of carbs. **Remember, gasoline is extremely flammable and can be explosive under certain conditions. Work in a well-ventilated area and clean up any spills immediately. Check for leaks before riding.**

Read First

- 1) Remove stock air cleaner from side of bike using Phillips screwdriver.
- 2) Remove stock rubber boot from stock backing plate and place in new Thunder adaptor.
- 3) Mount new Thunder adaptor to bike sliding stock rubber boot back onto the duct work and tighten hose clamp securely.
- 4) Mount bottom of adaptor to stock mounting point using bolt and nut provided. You will leave the rubber grommet in place. Now you can run the bolt thru the mounting point. Then use the washer and nut to lock it in place.
- 5) Bolt new Thunder backing plate to adaptor using two (2) 6 X 15mm Allen bolts provided. You can now install your filter and cover.

HONDA 750 ADAPTOR

QTY	PARTS LIST
1	750 ADAPTOR
1	750 SPACER
1	¼-20 X 1 ¾ SOCKET HEAD CAP SCREW
2	M6-1 X 25 FLAT SOCKET HD CAP SCREW
1	¼ USS FLAT WASHER ZINC
1	¼-20 LOCK NUT
1	134 MJ FRONT
1	138 MJ REAR
1	INSTRUCTIONS

6) START AND ENJOY THE THUNDER!

Special Notes:

Tornado or Hurricane Installation:

Use instructions included with the adaptor for your bike and install the adaptor first. With your adaptor installed now attach the Hurricane – Tornado adaptor plate using the (2) - 6 X 25 taper head screws. Now use the (3) ¼ -20 X ½” chrome socket heads to bolt on the air kit. Please note that the Tornado filter is very snug. Filter should be at room temperature or warmer. The rubber does not expand when cold. Apply Windex or similar to Tunnel and inside of filter flange. Be careful when putting filter on so not to wrinkle pleats. It is recommended that you hold filter light but firm, at large end with flange.

Hyper Charger Installation:

Use the instructions steps 1 – 4 listed above. With your HC adaptor installed now attach the Hyper Charger using the (3) m6-1 x 10 socket head cap screws included with the HC adaptor. Please note:

For the **Hyper Charger** you must vent float bowl vent lines into the back of the Hyper Charger. Float bowl vent hoses are coming off the top of each carb and are connected together by a T fitting. This hose is currently venting to the atmosphere. Use fitting supplied with Hypercharger to connect float bowl vent line to rear threaded hole in Hypercharger.

For Butterfly Vacuum: Remove factory plug from cylinder head (used for synchronizing the carbs) and insert supplied small vacuum fitting. Run vacuum hose from this fitting to back of Hypercharger.

HONDA 750 HC & SKULL ADAPTOR

QTY	PARTS LIST
1	750 ADAPTOR
1	750 SPACER
1	¼-20 X 1 ¾ SOCKET HD CAP SCREW
2	6MM X 25MM TPR HD ALLEN
1	¼-20 WASHER
1	¼-20 NUT
1	134 MJ FRONT
1	138 MJ REAR
1	HC PLATE
3	M6-1 x 10 SOCKET HEAD CAP SCREW
1	M6 x 30 SOCKET HEAD CAP SCREW
1	VACUUM FITTING 5MM
	INSTRUCTIONS

Skull Installation: Use the instructions steps 1 – 4 included with the adaptor. Next drill out the threads from the top of the skull backing plate – use ¼ drill bit (not provided). See image pictured. Now use the bolts supplied to attach the skull backing plate to the thunder adaptor

**This is a Basic Format to aid our Customers
Thunder Mfg. takes no Responsibility for Installation
If you have any Doubt let your Dealer do it.**

