



TAPP™ lite USB Power Port

Splash Proof Power Socket Installation Instructions

What is in the kit:

- 1– TAPP LITE USB Power Port
- 1– Universal Mounting Bracket
- 1– Alcohol swab for cleaning the adhesive bonding surfaces.
- 6– Cable Ties

What you need:

- Your vehicle service manual
- Common hand tools



CAUTION

Additional electrical equipment can overload the vehicle electrical system and cause unsafe operation conditions. If your combined electrical accessories consume more electrical current than your vehicle's charging system can produce, the electrical consumption can discharge the battery leading to vehicle electrical system damage.

TAPP Lite USB power ports are rated at 1.0A maximum current load and are internally protected with an auto-resetting fuse. The cable is protected with a 2A ATC in-line fuse.



WARNING

The service manual for your vehicle is required for safe and correct installation of the TAPP Lite and cable. The operator's safety depends on the correct installation of the TAPP Lite and cable routing. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified technician perform the installation for you. Incorrect installation of the TAPP Lite and cables could result in death or serious injury.



WARNING

To prevent accidental vehicle startup, which could cause death or serious injury, disconnect battery cables (negative cable first) before proceeding.



WARNING

Disconnect negative (-) battery cable first. If positive (+) battery cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury.

Always wear safety glasses when connecting or disconnecting battery cables.

Be sure to read and understand these instructions through to the end BEFORE starting the assembly.

- Refer to your vehicle service manual to access the battery.
- Disconnect the battery, negative (-) cable first.

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Install the Universal Mounting Bracket

1. Find the right location:

Spend some time finding a convenient mounting location. *Once installed the universal mounting bracket is difficult to reposition.*

Hint: install the TAPP Lite into the Universal Mounting Bracket when positioning it to ensure optimum location and cable clearance/routing.

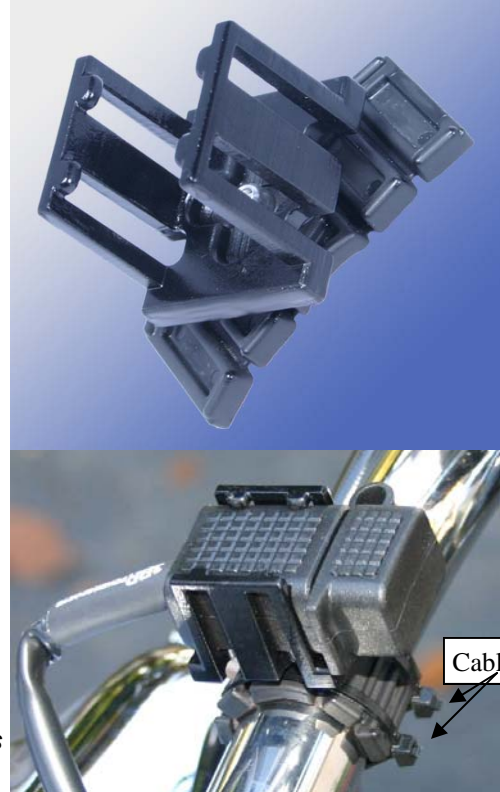
2. Using the alcohol swab provided, clean the surface where the Universal Mounting Bracket is to be mounted.
3. Strip the release liner from the adhesive strip on the back of the Universal Mounting Bracket and carefully position it. **Press firmly** on all surfaces to ensure a good bond.

If the Universal Mounting Bracket is being installed on a handle bar, highway bar or other round surface, install two cable ties as shown. Align the edge of the cable tie with the small ribs at the outer edge of the Universal Mounting Bracket backing segments and then continue around the bar. Note: These cable ties may be removed after the adhesive cures (about 72 hours).

Hint: For a more robust installation leave the long cable ties in place

4. Adjust the angle of the Universal Mounting Bracket saddle for ease of access.
5. Plan your cable routing.

Hint: follow the factory cable harness whenever possible. Vehicle manufactures pay their engineers big bucks to route harnesses in the safest, most efficient manner. Take advantage of that expertise!



CAUTION

- Keep cables at least 3" (75mm) away from any hot engine components and at least 6" (150mm) away from any hot exhaust components.
- Do not allow the cable to touch any sharp edges that might chafe the cable jacket.
- Protect the cable with protective loom at any point where it passes through the frame or bodywork of the vehicle. Durable corrugated loom is readily available from auto parts stores or on the 3BR Powersports website (Accessories).
- Be sure that the cable does not interfere with vehicle steering or controls.

6. Begin routing the cable.

Hint: If the cable has to pass through frame or bodywork openings, open the fuse holder and remove the fuse. Hold the fuse cover parallel to the body to thread it through the openings.

7. Refer to the vehicle service manual if any other vehicle components must be removed for proper cable routing.
8. Pick a suitable location near the battery to secure the fuse holder. Remember, the short length of wire between the fuse holder and battery ring terminals are the only part of the cable that is not protected

by the fuse. Be sure the wires are routed according to the cautions listed above. Routing the wires along the vehicle battery cables may give added protection. If in doubt, cover the wires with short lengths of corrugated loom. Secure the fuse holder with a cable tie.

9. If the TAPP Lite was removed from the Universal Mounting Bracket now is the time to snap it in place.
10. Begin securing the cable to the vehicle. If the cable crosses the steering axis, secure that part first. Install a cable tie close to the steering axis. Pull the cable tie only tight enough to snug the cable but still allow it to move if necessary. Test the steering and control functions to be sure the cable does not interfere in any way. Adjust the cable if necessary. Tighten the cable ties.
11. Continue securing the cable along its length. Loop excess cable near the fuse holder end and secure with a cable tie.
12. Double check the cable routing and TAPP Lite installation using the Caution list above as a guide.
13. WEAR SAFETY GLASSES WHEN ATTACHING THE BATTERY CABLES.
Attach the RED positive (+) wire to the battery positive (+) terminal.
14. Refer to the vehicle service manual to replace any vehicle components that may have been removed in order to route the cable leaving off only those parts necessary for battery access.
15. Attach the BLACK negative (-) wire to a clean, grounded chassis bolt near the battery. If a suitable bolt is not available, the BLACK negative (-) wire can be attached along with the negative (-) battery cable to the battery. Connect the negative (-) battery cable.
16. Now is the time to test the installation. Plug the cable from any USB powered device into the TAPP Lite. Check to be sure the device is charging and/or operating in its normal mode.
17. Refer to the vehicle service manual to replace any vehicle components removed for battery access.
18. ENJOY YOUR TAPP Lite POWER PORT!



TAPP LITE powers a DRIFT HD170 video camera. This camera records 6+ hours of high def video but will only run for about 2 hours on batteries. TAPP Lite allows recording as long as the storage media lasts.

USER NOTES

Protecting your TAPP Lite

TAPP Lite is weatherproof as long as the protective cap is in place. Be sure to remove the cable and replace the protective cap when riding in the rain or washing your vehicle.

Charging a Motorola RAZR phone and other USB OTG devices require the use of a charging cable

Using TAPP Lite for charging USB On The Go (OTG) devices such as the Motorola RAZR, most Garmin GPS, and some Blackberry smart phones, requires a charging cable that identifies the device. Special circuitry inside the cable provides the required signals. Note that due to this internal circuitry, charging cables cannot be used for data transfer.

Charging cables are available from [3BR Powersports](#) and electronics retailers, e.g. Rocketfish cable
Model: RF-CA1MR SKU: 8705181 from Best Buy.

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