

V-Twin Mfg.
DUAL COIL BRACKET
Fits 1965-1984 BT, 1984-UP ST
VT No. 31-9923

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

INSTALLATION:

1. Disconnect the ground (-) terminal from your motorcycle battery.
2. Remove the stock coil cover, coil and mounting hardware.

NOTE: Save the coil cover, coil mounting screws and nuts or nut plate for installation of the DYNA coils.

3. Assemble the coil bracket (DY-1A) and cover bracket (DY-1B), using 1 screw (DY-1D) and 1 washer (DY- as shown in figure 1. Adjust bracket s for square fit and lightly snug the screw (DY-ID). This will be secured later in this instruction.
4. Mount the Dyna coils to the (DY-1) assembly by using the 2 screws (DY-1E), 4 washers (DY-1G) and 2 lock nuts (DY-1F). Do not tighten the coils to the bracket until instructed to do so.
5. Secure the (+) & (-) electrical connections to the DYNA coils per instructions provided with your ignition system.
6. Mount the inboard end of each coil to the motorcycle frame, using the screws and nuts saved from the removal of the stock coil.
7. Fasten the inboard end of the cover bracket to the rear coil cover tab on the motorcycle frame, using 1 Screw (DY-1J), 1 Lock Washer (DY-1L), and 1 Flat Washer (DY-1K), Do not tighten.
8. Hold the coils and bracket assembly in the desired, position.. Check that (+) and (-) electrical connections DO NOT MAKE CONTACT with any mounting hardware or the motorcycle frame. Then tighten the mounting screws in the following order:
 - 2 Inboard coil mounting screws. (Hardware saved from disassembly)
 - 1 Inboard COVER BRACKET screw (DY-1J).
 - 2 Outboard coil mounting screws (DY-1E), and Lock Nuts (DY-IF).
 - 1 Outboard COVER BRACKET/COIL BRACKET mounting Screw (DY-1D).
9. Connect the spark plug wires to the appropriate coil.
10. Install the Cover mounting hardware using 1 Screw (DY-1C), 1 Lock Washer (DY-1H), and 1 flat washer (DY-1G), Do not tighten.
11. Install coil cover by sliding the rear mounting slot under the flat wash until firmly in place against the ends of the coils and bracket, then tighten the mounting screw (DY-1C).

NOTE: Check that 1/8" foam strip inside the stock coil cover is in place and in god condition. If the foam strip is damaged or missing fit a new strip of 1/8" foam 1"x2" inside the coil cover such that it will meet the tops of the coils and coil bracket (DY-1A), when the cover is properly mounted.

12. Re-connect the ground (-) terminal to your motorcycle battery.

Parts List:

QTY	DESCRIPTION	QTY	DESCRIPTION
1	Bracket, Coil DY-1A	6	Washer, Flat, 1/4" DY-1G
1	Bracket, Cover DY-1B	1	Washer, Lock, 1/4" Split Ring DY-1H
1	Screw 1/4-20 x 5/8" Button DY-1C	1	Screw 10-32 x 5/8" Allen DY-1J
1	Screw 1/4-20 x 3/4" Button DY-ID	1	Washer; Flat, #10 DY-1K
2	Screw 1/4-20 1 3/4" Button DY-1E	1	Washer. Lock. #10 Split Ring DY-1L
2	Nut self locking 1/4-20 DY-1F	1	1" x 2" Foam Strip DY-1M

