HENDRIX-LENSCHOW KIT
ALTERNATIVE MINI-DENSO
ALTERNATOR LOOKS
BETTER ON HEALEY
THAN GIANT CHEVY
ALTERNATOR.

NEGATIVE GROUND ONLY

Denso 35AMP 3-wire alternator weighs 5 lbs and fits the Hendrix-
Lenschow mounting kit- earlier model here –
BJ8 VERSION NOT TESTED.

Alternator source info at end of
document.

See end for description of coil
clamps. Coil was relocated to
upright brace.

I replaced supplied 2” Allen bolt with
5/16 NC x 2” Grade 8 bolt with a couple of
washers for strength. Hole in alternator is
10mm (3/8”+) so bolt needs to clamp
tightly.

Gates 7430 belt – slightly shorter than
stock.

New bolt: 8mm x 1.25 x 40mm w/ nut,
washers & lock washer. Fits threaded hole
in alternator ear.
‘L’ connection: Yellow & Green wire – formerly to ‘F’ connection on Generator – connects to dash Light.

‘IG’ connection: red wire from + post on coil. Switches field on when ignition is turned on.

Batt post: #10 AWG red wire to starter solenoid + post (battery cable connection)

NOTE: ONE-WIRE ALTERNATOR WILL NOT DRIVE DASH LIGHT! #10AWG can handle 55 amps – use this weight minimum.

BE SURE TO INSULATE THESE CONNECTIONS!

Bottom of adjusting struts:
Replace supplied bolt & spacers with

7/16” x 1-1/2” bolt and appropriate washers to give offset on either side of front engine plate. I used one washer in back and three in front.
DISABLED REGULATOR USED AS WIRE CONNECTION BOX ONLY – see Hendrix instructions for cutting Regulator connections.

Yellow former large generator wire – isolated

Yellow joined to Yellow-Green – dash light

Three brown wires joined – per Hendrix.

Coil-keeper bent from ½” x 1/8” flat steel; ¼-20 or -28 bolts.
SOURCES:

Mounting kit:

http://www.hendrixwirewheel.com/alternator.html/

Alternator:

http://www.db-starter-alternator.com/

Part No: 12180 Denso Mini Chevy Alternator

NEW CHEVY MINI ALTERNATOR DENSO STREET ROD RACE 1-WIRE 12180

Price: $103.95

Quantity: 1 Add to Cart

Note these Denso 93mm alternators are available from various sources and always seem to be called “Mini Chevy Alternators”.

NOTE THIS IS A ONE WIRE VERSION – DB HAS TOLD ME THEY’LL SUPPLY A 3-WIRE VERSION FOR THE SAME COST. I CONVERTED MINE, BUT HAD TO BUY THE 3-WIRE REGULATOR SEPARATELY.

(ENDS)