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NL200C Battery Conversion from Twin 6v to Single 12v

Kit Contents:

- Battery 12 Volt 50 Amp/Hr Dry x 1
- Battery Earth Cable x 1
- Battery Pads x 2
- Battery Packing Strip x 1
- Conversion Battery Clamp x 1
- J Bolt Clamping Rods x 2
- Clamp Spacers x 4
- Plain Nut 1/4" UNF x 3
- Spring Washer 1/4" x 3
- Screw Pan Head 1/4" x 5/8" UNF x 1

NB Acid supplied separately, 3.5 Litres required.

Please observe the following:

R/H = Driver's Side/Offside

L/H = Passenger Side/Nearside

Before installation

- Confirm you have all the kit contents.
- Don protective gloves and eye-wear, then unscrew the battery cell covers and on a flat, stable surface carefully fill the battery with 3.5 litres of battery acid (supplied separately). The acid should just cover the cells.
- Leave the battery to gas for a period of thirty minutes in a well ventilated area. (We recommend that you place the battery on a trickle charge to achieve a full charge prior to installation).
- Remove the battery panel using a large flat bladed screw driver to unlock the dzus fasteners to expose your original batteries.
- Disconnect and remove your original six volt batteries, removing the negative earth terminal connection first, followed by the positive lead and finally the link lead.
- Remove and discard your original earth strap from the L/H cradle.
- Remove both batteries and if discarding, dispose of via your local authority waste recycling centre.
- Discard the battery link lead and remove your original clamps, hook bolts, battery pads and fixings from both battery cradles.



Installation

- Locate the new earth lead within the rear of the R/H battery cradle, being sure to clean the earth point with a wire brush before securing with the pan head screw and 1/4" washer and nut. (Pre-drilled earth points can be found on either side of the cradle to the rear of the cage)
- Place new battery pads in the bottom of the R/H cradle, with the pads facing front and rear.
- Locate the new hook bolts into their respective holes (use tape to temporarily secure the hook bolts in position).
- Carefully lower the battery into the cradle. The battery should be orientated with the fill points nearest the front of the car, and the terminals facing the rear.
- Cut the battery packing strip to size using the bracket as a guide.
- Remove the securing tape from the J bolts and locate the packing piece and new bracket into place. Place two spacers over each J bolt, followed by a spring washer, and secure using the 1/4" nuts. Tighten both nuts with even pressure until the battery feels secure. NB Over-tightening may cause damage to the battery casing.
- Locate the original live battery lead over the positive terminal before locating the new earth lead over the negative terminal and secure with a 1/2" spanner. (Ensure that the live lead does not come into contact with the body work of the vehicle).
- Apply petroleum jelly (Vaseline) to the battery terminal clamps and test the system before replacing the battery cover.

Please Note:

Whilst our Twelve Volt Conversion Battery has a superior discharge rate over standard six volt units owing to their modern construction, to ensure the longevity and reliability of your battery you are advised to either connect it to a battery conditioner or periodically charge the battery when storing the vehicle for periods of prolonged storage of one month or more.

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