

HOW TO UPGRADE YOUR CAR BATTERY

WHICH BATTERY

WITH MODIFICATION ANY SIZE CAR BATTERY CAN BE FITTED,BELOW IS A LIST OF OPTIONS.

VARTA ASIA CAR BATTERY 12V 45AH - TYPE 157



VARTA ASIA CAR BATTERIES ARE AIMED AT CARS MANUFACTURED OR IMPORTED FROM THE ASIAN MARKETS. THESE HAVE A THREE YEAR WARRANTY.

TYPE 075 VARTA BLUE DYNAMIC CAR BATTERY 12V 60AH



12V CAPACITY - 60AHCCA(EN) - 540A DIMENSIONS(MM) 242 X 175 X 175

075 NUMAX CAR BATTERY 12V 60AH



12V CAPACITY - 60AHCCA(SAE) - 525A DIMENSIONS(MM)242 X 175 X 175



12V CAPACITY - 60AHCCA(SAE) - 525A DIMENSIONS(MM) 242 X 175 X 175

HALFORDS BATTERIES



STARTUP POWER: 510 AMPS AH VALUE: 60 RESERVE CAPACITY: 105 BENCH CHARGE: 6.0 AMPS WEIGHT (KG): 16.05 DIMENSION (LXDXH): 232X173X225MM



STARTUP POWER: 460 AMPS AH VALUE: 60 RESERVE CAPACITY: 105 AMPS BENCH CHARGE 6.0 AMPS WEIGHT: 16.05 KG DIMENSIONS (LXDXH): 232X173X225MM

HIGH PERFORMANCE BATTERIES

OPTIMA YELLOW TOP BATTERY - (JAPANESE TERMINALS)



THIS 6 PACK SERIALCELL BATTERY HAS MORE POWER AND INCREASED ENERGY OVER STANDARD CAR BATTERIES. THIS MEANS QUICK, RELIABLE STARTS AND INCREASED LIFETIME.



Dimensions: 9.313" Long x 6.813" Wide x 7.625" Tall

Weight: 33.1 lb (15.0 kg)

Power: CCA (BC10°F) 720 amps, MCA (BC32°F) 910 amps

Capacity: 44 Ah (C/20)

Reserve Capacity: BCI 90 minutes (25 amp discharge, 80°F (26.7°C), to 10.5 volts cutoff)

STINGER BATTERIES



Battery Type: Dry Cell

Max Peak Discharge: 1300 Amps

5-Second Cranking Output: 660 Amps

Nominal Capacity: 25 Ah (C20 rate)

Temperature Range: -15 to +50 C

Diminsions: 6-3/4" H x 7-3/4" W x 6-1/2" D



Battery Type: Dry Cell

Max Peak Discharge: 2600 Amps

5-Second Cranking Output: 1200 Amps

Cold Cranking Output: 630 Amps

Nominal Capacity: 44 Ah (C20 rate)

Temperature Range: -40 C to + 60 C

Diminsions: 6.7L x 7.9W x 7.4H

BATTERY TERMINALS

BATTERY CONNECTORS CAN BE PURCHASED FROM ALMOST ANY AUTO SHOP,REMEMBER IF YOU GET A BIGGER BATTERY YOU WILL HAVE TO EITHER GET THE BATTERY TERMINALS CHANGED TO JAP SPEC,OR THE BETTER AND CHEAPER ALTERNATIVE IS CHANGE TO LARGER CONNECTORS.

THE STINGER BATTERIES REQUIRE SPECIFIC CONNECTORS WITH A PRICE YOU WOULD EXPECT FOR THE HIGHER RANGE OF BATTERY PRODUCT,THESE CAN BE OBTAINED FROM EITHER STINGER STOCKISTS OR EBAY.

BATTERY BRACE

OEM AND AFTERMARKET WILL ALL NEED TO BE MODIFIED SLIGHTLY TO ENSURE GOOD FITMENT

HOW TO CHANGE THE BATTERY

ALL THE ABOVE LISTED BATTERIES ARE LARGER THAN THE OEM ITEM, BUT MOST WILL FIT INTO THE EXISTING TRAY JUST NICELY. THE LARGER ONES WILL NEED THE BATTERY TRAY SLIGHTLY MODIFIED, YOU WILL ALSO HAVE TO JUNK THE OEM PLASTIC BATTERY COVER THING



FIRST OFF YOU WILL NEED TO CHANGE THE TERMINAL CLAMPS AS THE OEM ONES ARE TOO SMALL. I BOUGHT SOME FROM HALFORDS FOR UNDER £10. BE CAREFUL WHEN BUYING TO GET BOTH 'P' AND THE 'N' TERMINALS AS THEY ARE DIFFERENT SIZES!!

CUT OFF THE OEM TERMINALS AND STRIP BACK THE INSULATION JUST ENOUGH TO ACCEPT THE NEW TERMINALS. FIT THE NEW ONES ENSURING THE TAPER INSIDE RUNS THE RIGHT WAY (YOU'LL NOTICE THIS WHEN YOU BUY THEM, BUT HARD TO EXPLAIN). THEY ONLY FIT THE BATTERY ONE WAY AND THEY CANNOT GO ON UPSIDE DOWN!!

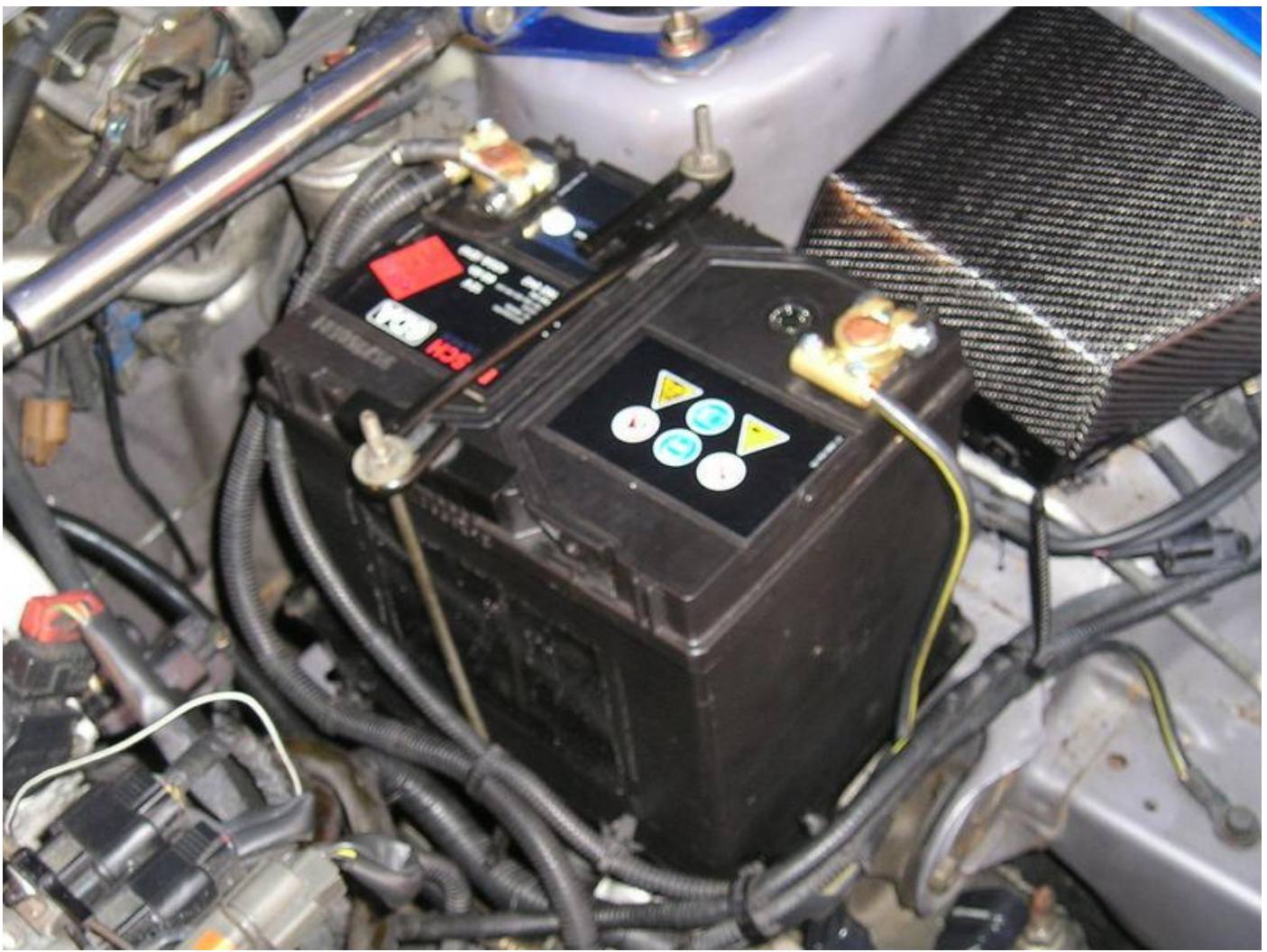
NEXT OFF IS FIT THE BATTERY TO THE TRAY. SIMPLE.



THEN THE CLAMP WILL NOT FIT THE NEW BATTERY, AS THE CLAMP IS TOO NARROW MODIFIED MINE BY HACKSAWING A BIT OF AND THE BENDING THE CLAMP FLAT LIKE THIS



SMEAR THE TERMINALS WITH COPPER GREASE/PETROLEUM JELLY AND FIT THE CLAMPS AND TIGHTEN UP. ENSURE YOU GIVE THE BATTERY A GOOD PUSH TO MAKE SURE IT DOESN'T MOVE ABOUT. ALSO BE VERY CAREFUL NOT TO TOUCH THE +VE TERMINAL ON THE STRUT BRACE IF YOU HAVE ONE FITTED



TIDY UP THE CABLES AND MAKE SURE THEY ARE NOT BEING PULLED ANYWHERE LEAVING 'SLACK' AT THE TERMINAL ENDS.

TEST FOR IT OPERATES CORRECTLY.