

DH109AV

ADVENTRA - CREWMAN X8 HEADER FITTING TIPS

Disconnect battery

Remove old exhaust up to manifolds. Gearbox cross member must be removed first and refitted last.

Undo steering arm from rack 1x13mm nut. Leave arm hanging loosely

Remove both chassis support panels 8x13mm nuts.

Undo drive shaft from the engine side it has six TPX50 bolts in it. Mark the driveshaft first with a good marker so driveshaft and bolts go back in original position, shaft goes up last.

Undo the shocker tower support bar 4x13mm nut

For the removal of the manifolds undo the 4x10mm nuts on engine cover

Take spark plugs leads out.

Undo bolts holding coil packs on rocker covers these consist of 2x10mm bolts close to fire wall and 8x10mm studs, 4 of the studs are underneath the 4x10mm nuts which holds the engine cover brackets on.

Flip the coil packs on top of inlet manifold.

RHS manifold has 6x13mm bolts, once undone, manifold can come out

LHS remove water over flow canister, take out computer shield (silver in colour) it just pulls up. Take out computer (2x10mm) bolts lay it on LHS shocker tower. Remove manifold 6x13mm bolts

Clean head surface down before starting to bolt up new heads.

Oxygen sensor extension wires are needed for this job.

Fit the oxygen sensor in first before the headers go on.

LHS header goes in from the top we recommend you put 4 light beads of silicone around the gasket both sides first.

Once header is in place start 8x13mm bolts in it (best to put grease on them first to stop them binding in the alloy head) once header is in loosely place chassis support panel in from the top. Then do up header tightly.

RHS header is a 2 piece split header the number one primary goes in last. From underneath the car the RHS header goes up.

Once header goes up, place chassis support panel in place and put steering arm back on rack and do both up.

From the top, pull header back and slip number one primary through

Once it is all in place, do header up loosely.

Once all 6x13 bolts are in loosely, place the 4x1/2" bolts, nuts and gasket between the no1 primary and the header firmly then do header up tightly.

Once headers are all done up place the computer, cover, water canister, coil packs, leads, engine cover and shocker tower support bar back in position.

Then from underneath, do drive shaft up. Don't forget to line up your marker first.

Once the engine is started there will be some smoke for approx 15 minutes, this is just the heatproof paint burning in.

THANK YOU FOR YOUR PURCHASE NOW ENJOY!



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