

1966, S3 Lotus Elan Coupe

Replacing standard Heater system
with Vintage Air Gen II Mini Heat, Air
and Defrost (*65Ginetta*)

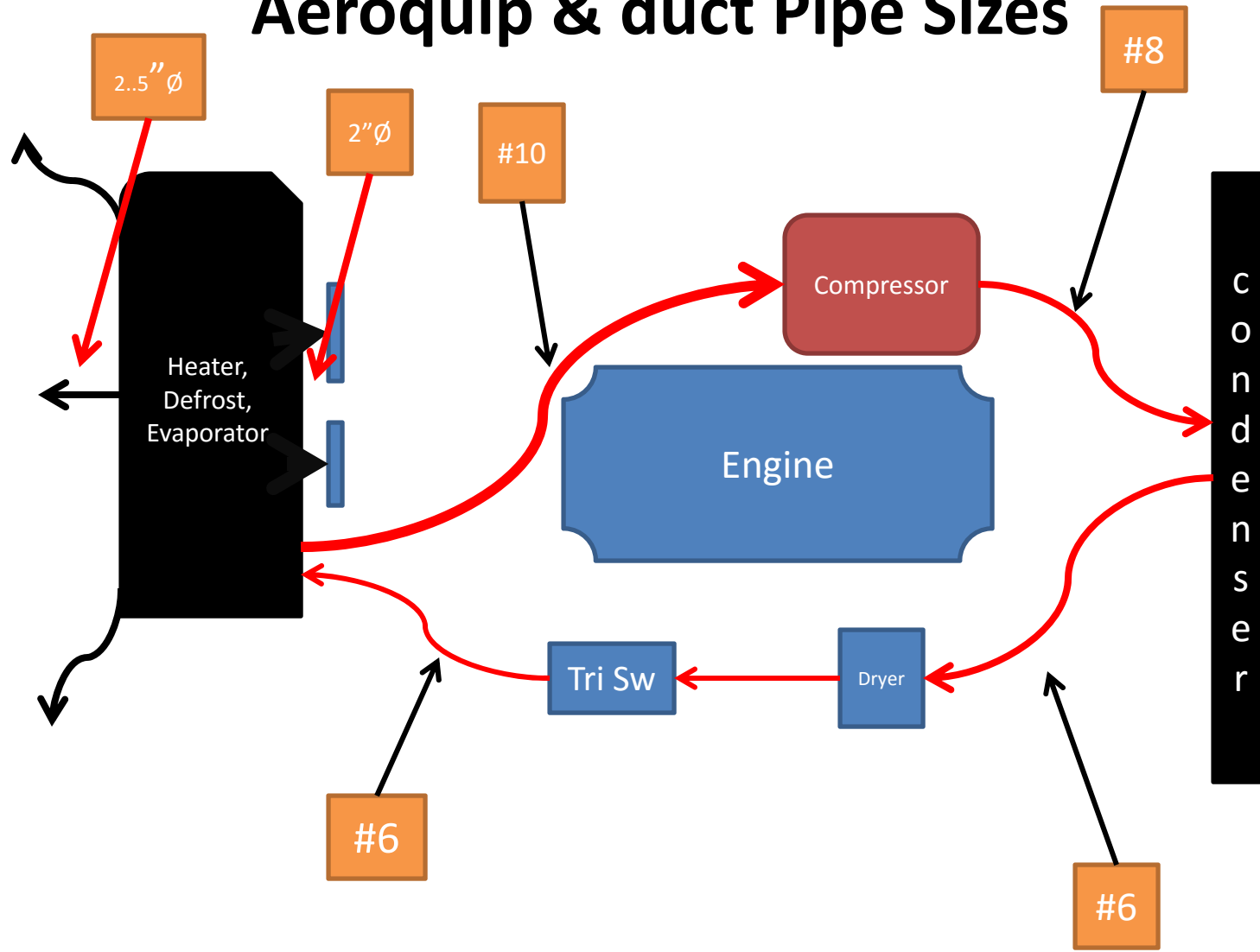
S3 Lotus Elan

“The Starting Point”



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Aeroquip & duct Pipe Sizes



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**“Seal off” standard heater intake
to heater plenum**



**Reposition defrost vents from
bottom to side feed**



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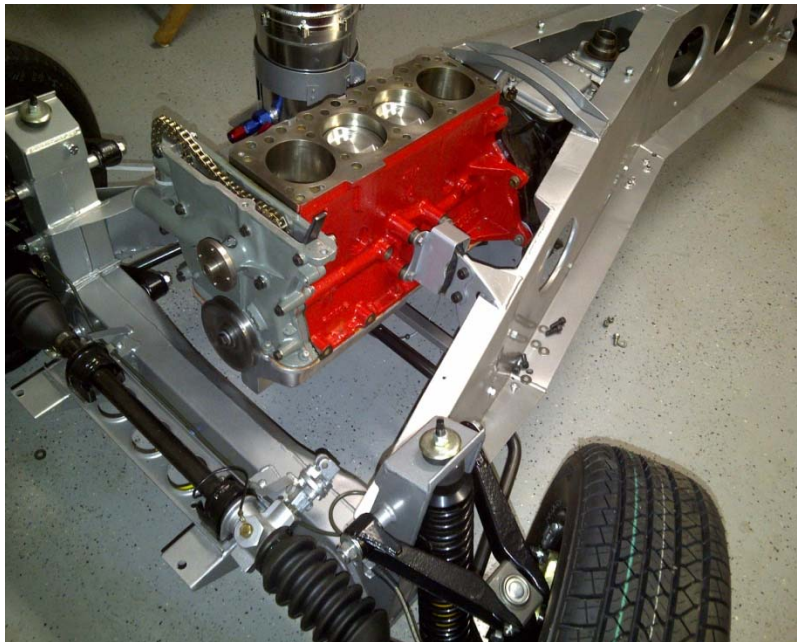
Finished A/C Body Modification



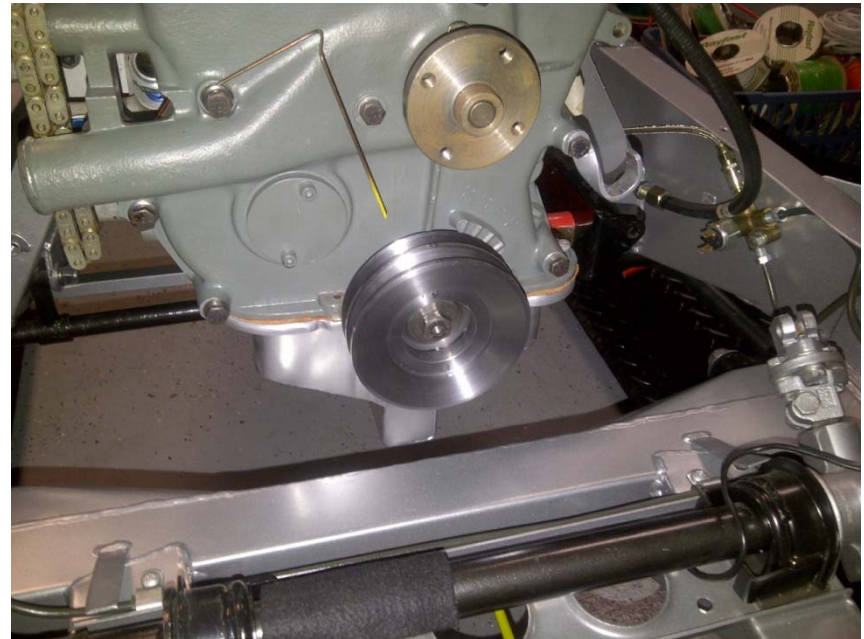
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Alternator & Compressor Drive

Standard Front Pulley configuration



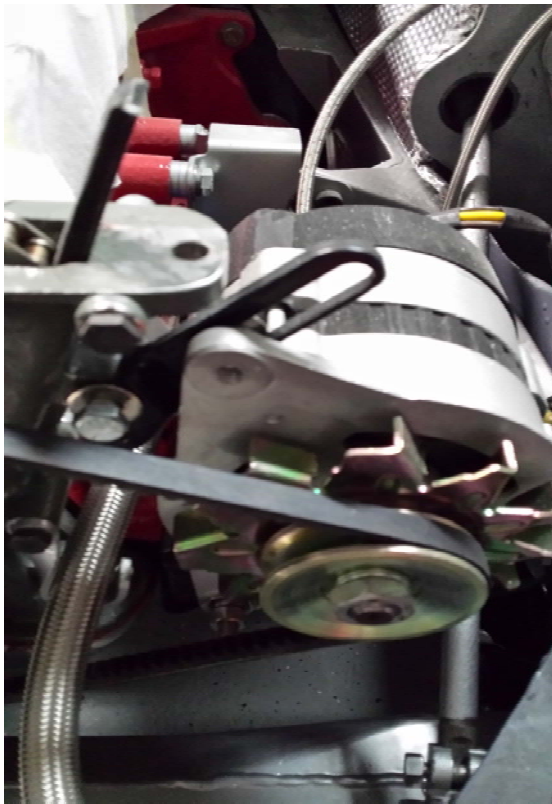
Dual Front Pulley modification



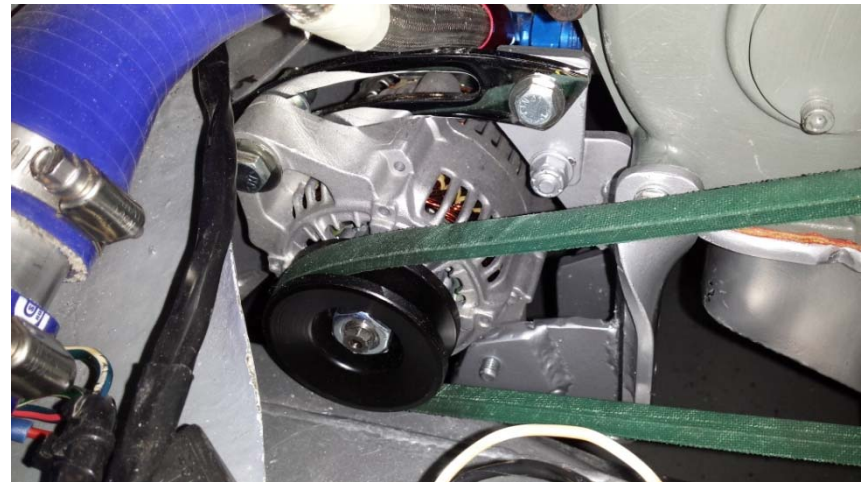
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Alternator & Compressor Drive

Existing alternator mounting



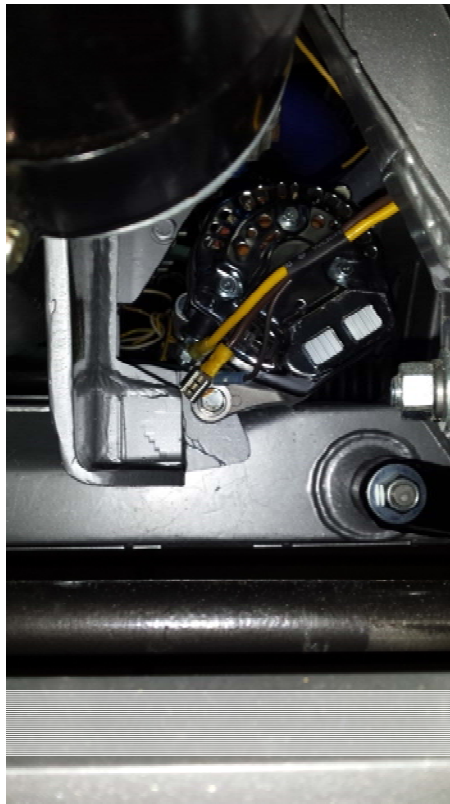
Revised alternator mounting



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Alternator & Compressor Drive

Revised alternator mounting bracket (rear)



Revised alternator mounting bracket (rear side)



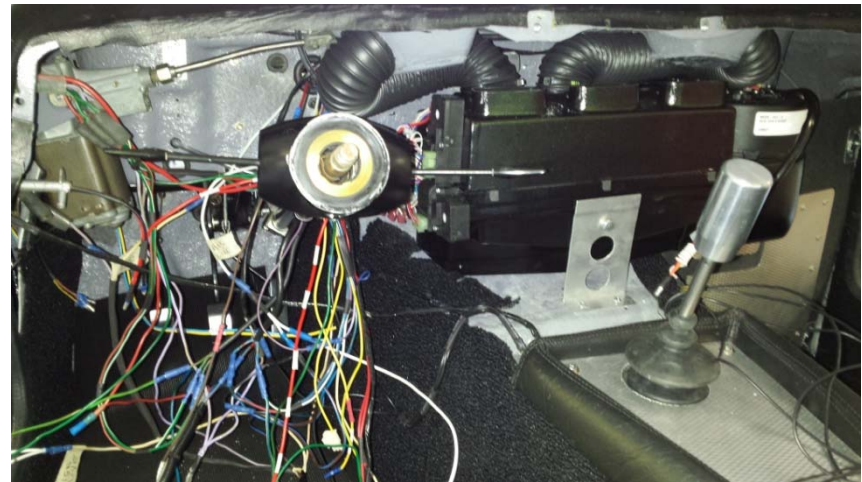
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Evaporator Mounting

**Evaporator mounting mockup
for duct clearance**

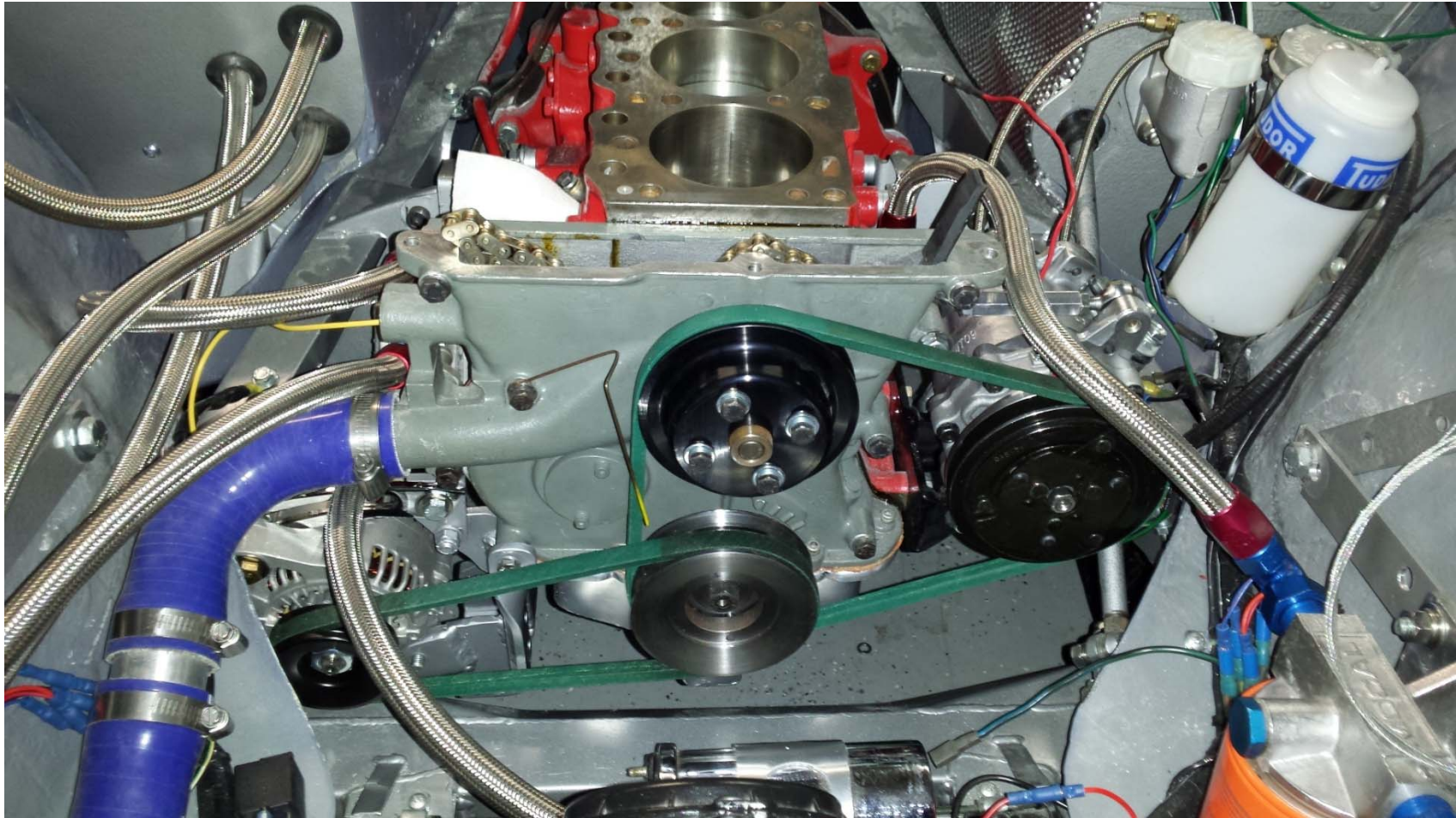


**Evaporator mounting to
bulkhead using plenum holes
and side defrost entries**



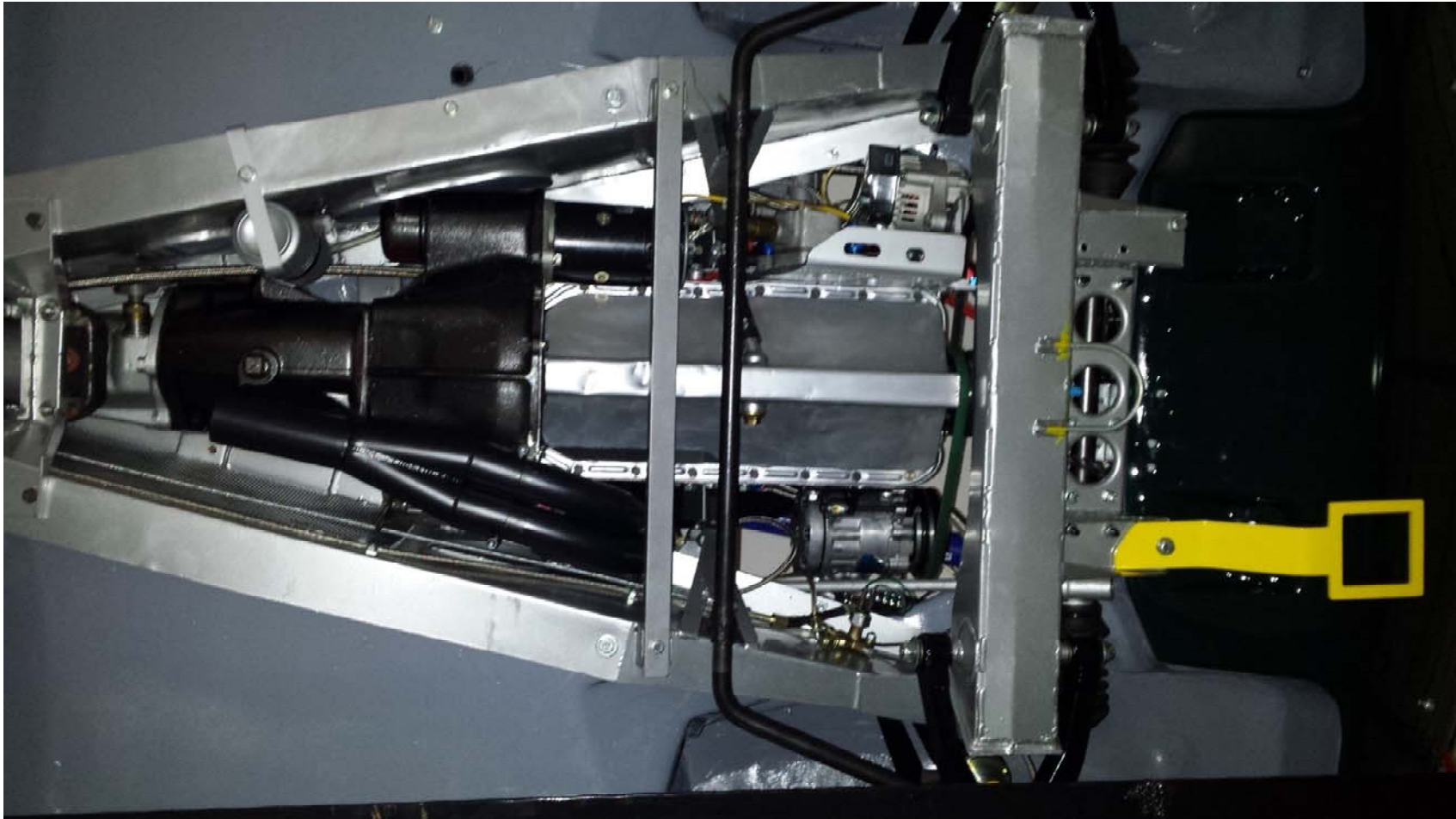
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Front pulley configuration



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AC compressor & Alternator Plan view



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Condenser location and Mounting



Condenser Mounting in front of tri-tube alum radiator and fan.

Radiator, Condenser, Oil cooler, common floor adjustable mounting

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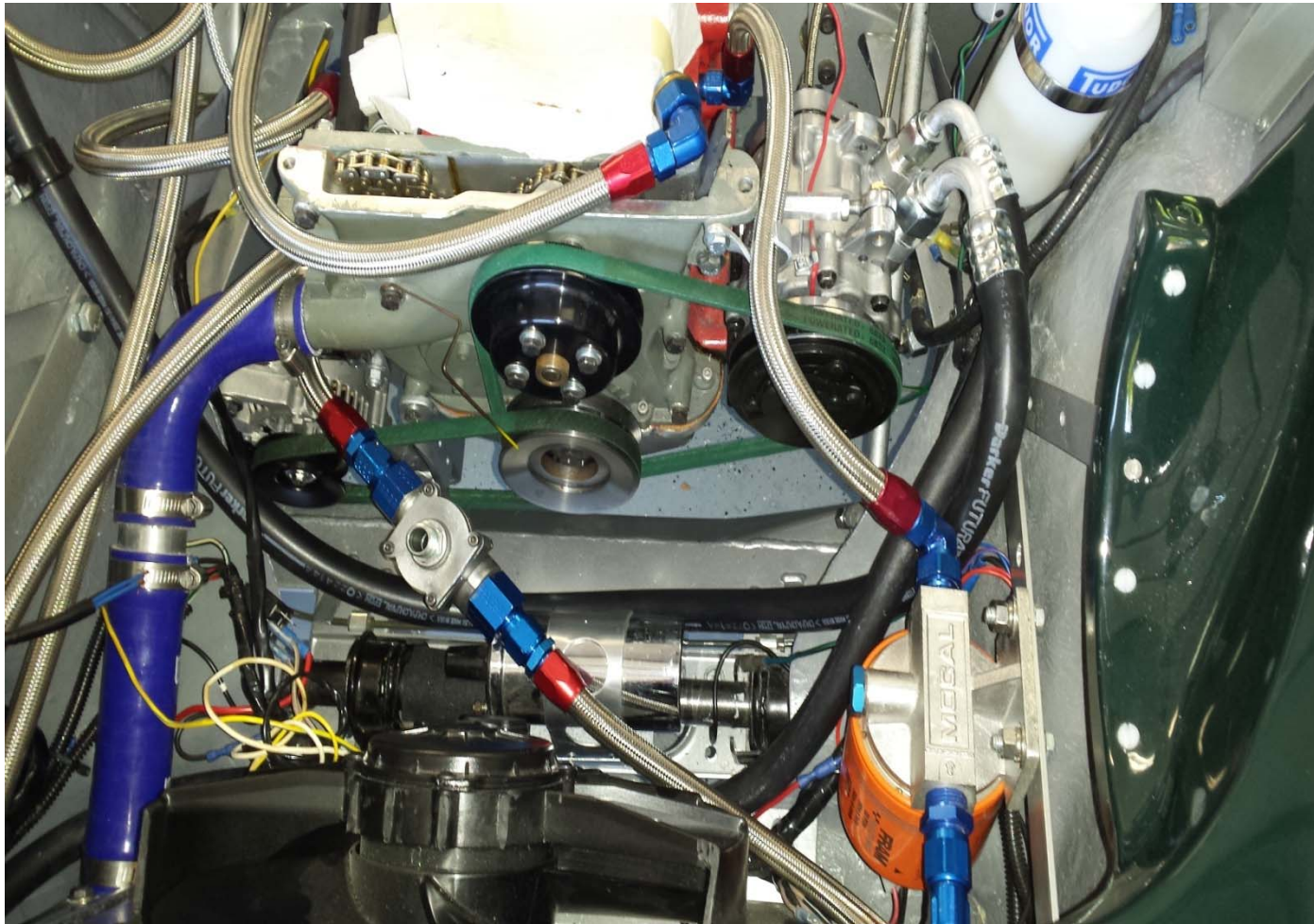
Evaporator Hookups



Evaporator internal hook ups and charging ports accessed via foot-well oil tank insulated chamber.

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Compressor pipe work



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Dryer location



**Dryer under bonnet Near
Side mounting**

**Tri switch for compressor
clutch, a/c switch and
electric fan**

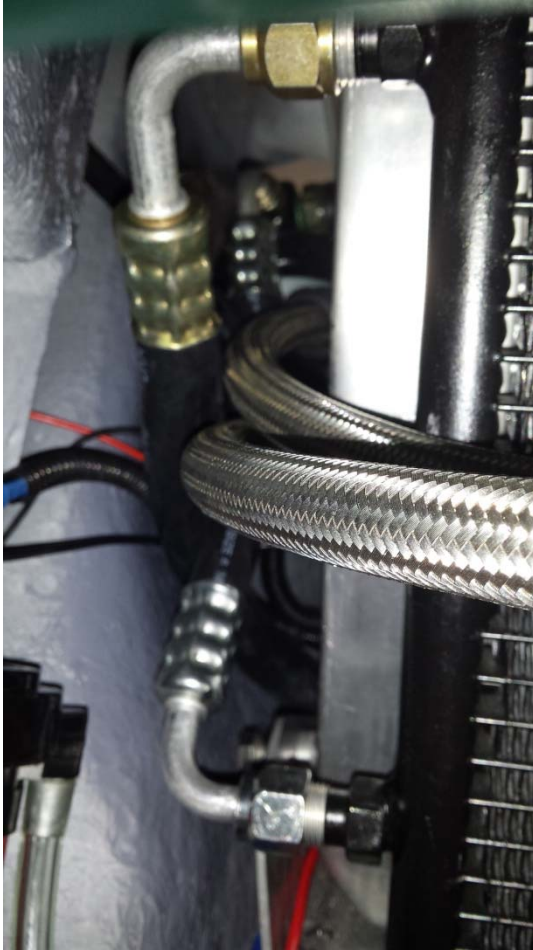
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Dryer to Evaporator pipework



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Condenser hookups



**Condenser unions and oil
cooler pipes.
(Viewed through front
intake vent)**

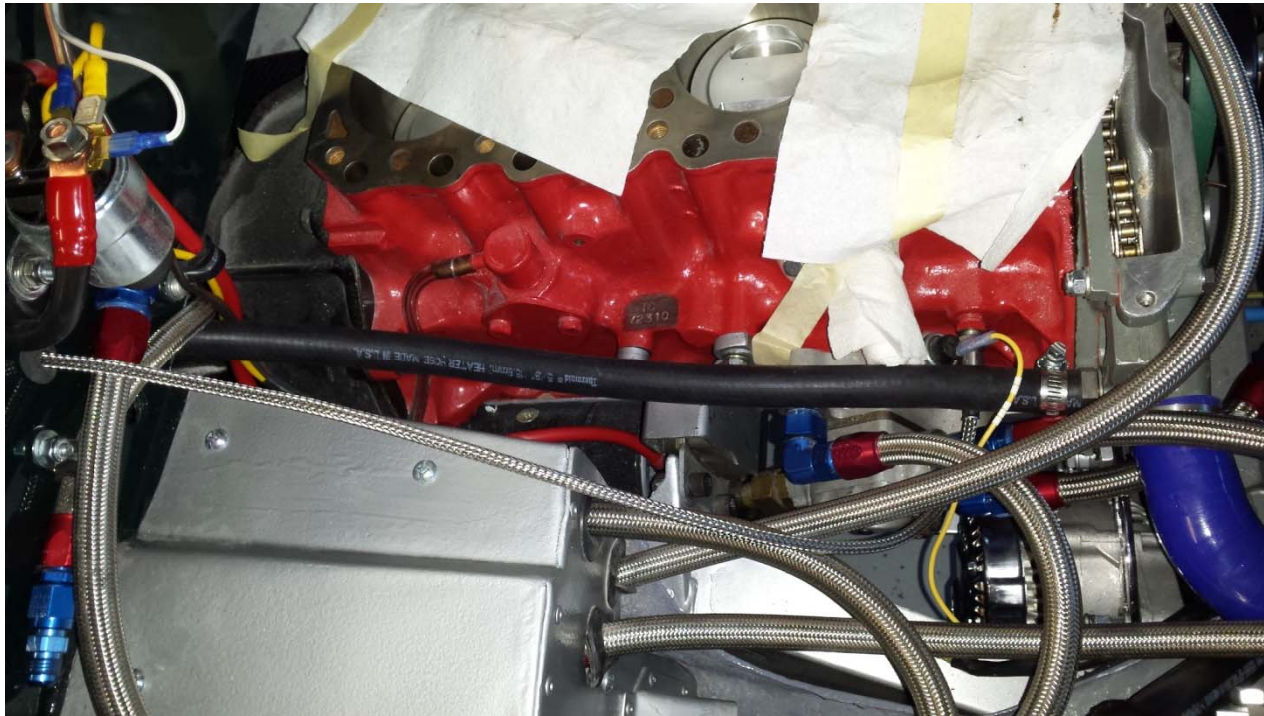
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Evaporator/Heater water return



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Evaporator/Heater water intake



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Dash vents and A/C controls



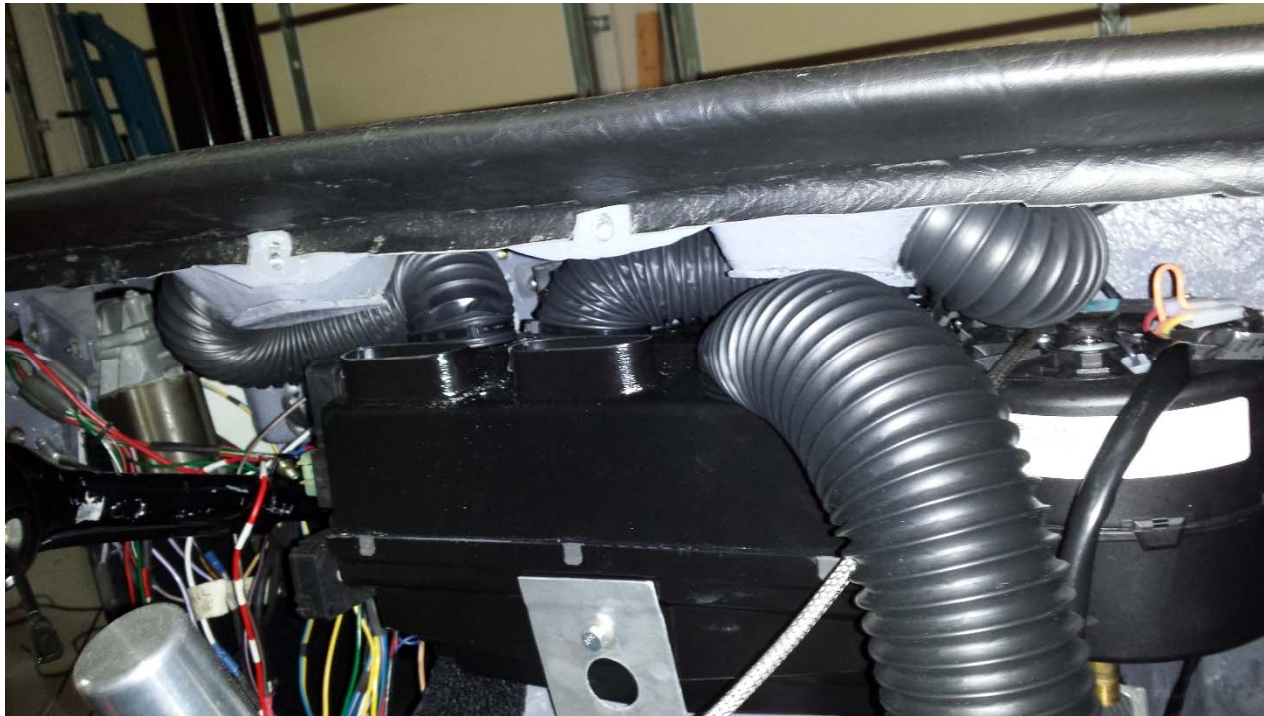
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**Dashboard “eye-ball”
upper area of A/C
circulation**

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Near side A/C ductwork



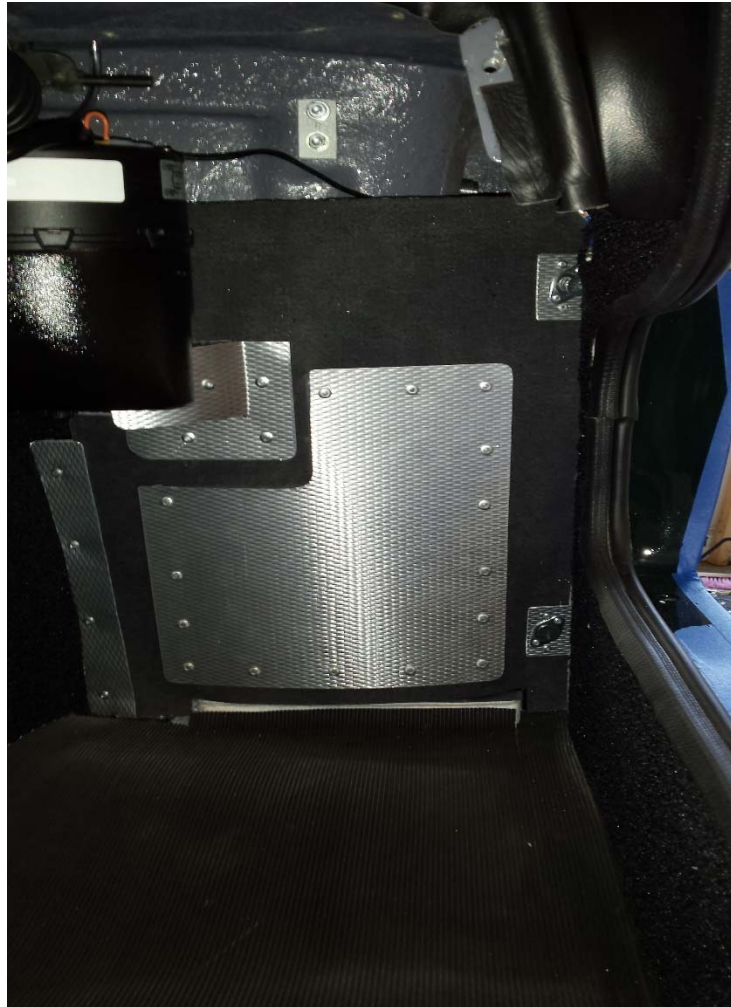
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Near side A/C Outlets and Oil Tank Insulation



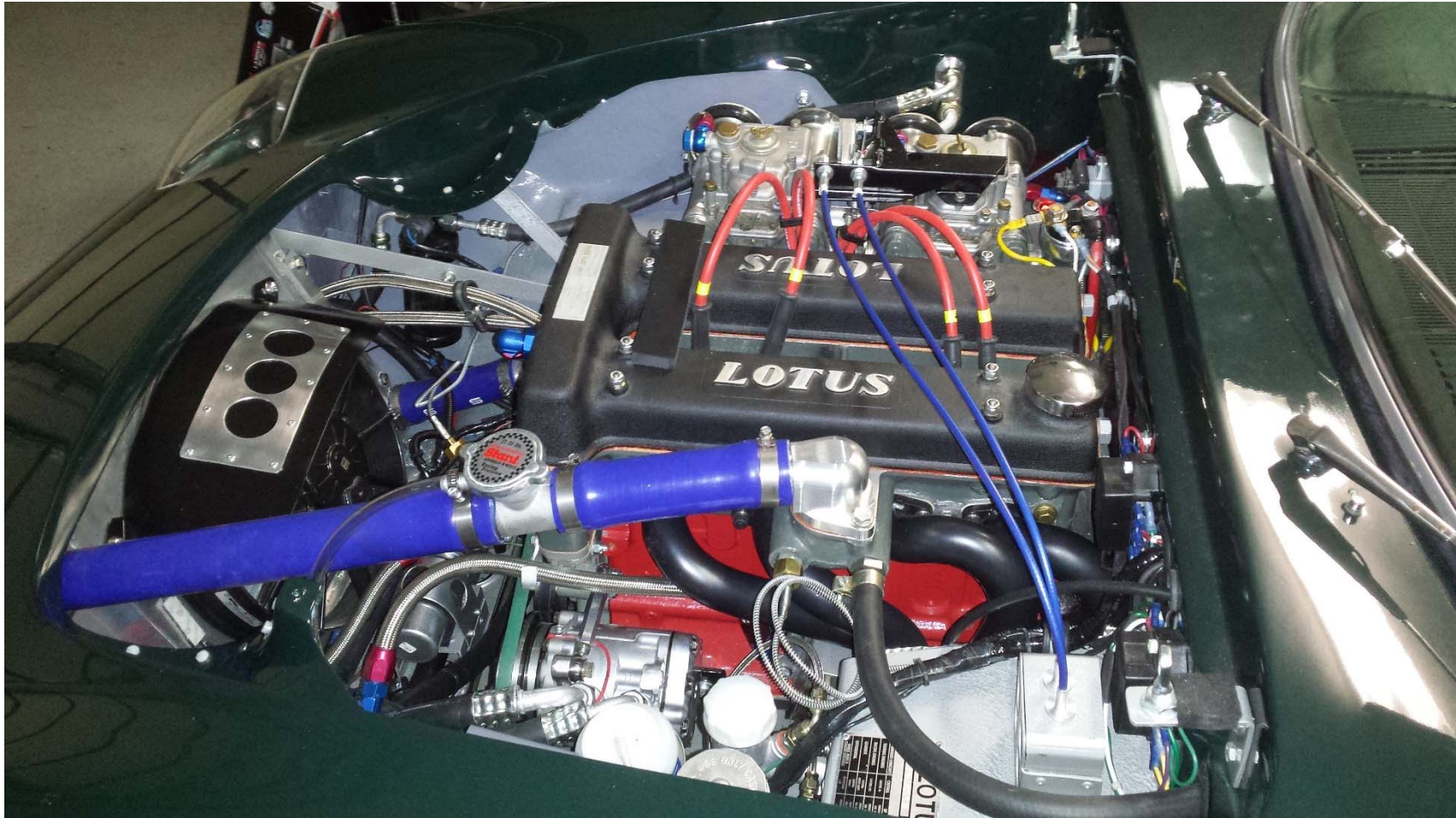
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Near side A/C Outlets and Oil Tank Insulation



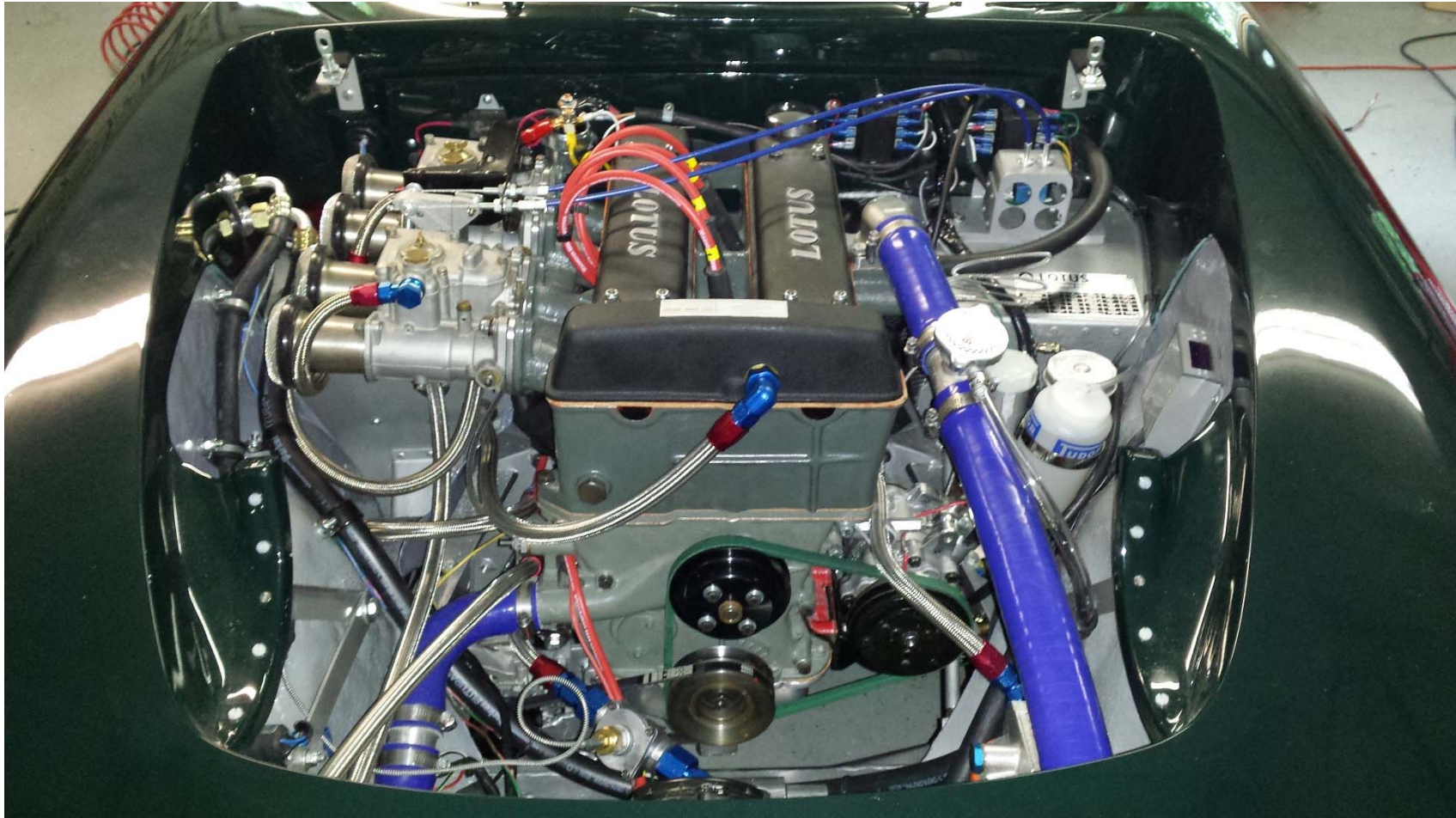
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Finished Engine compartment installation



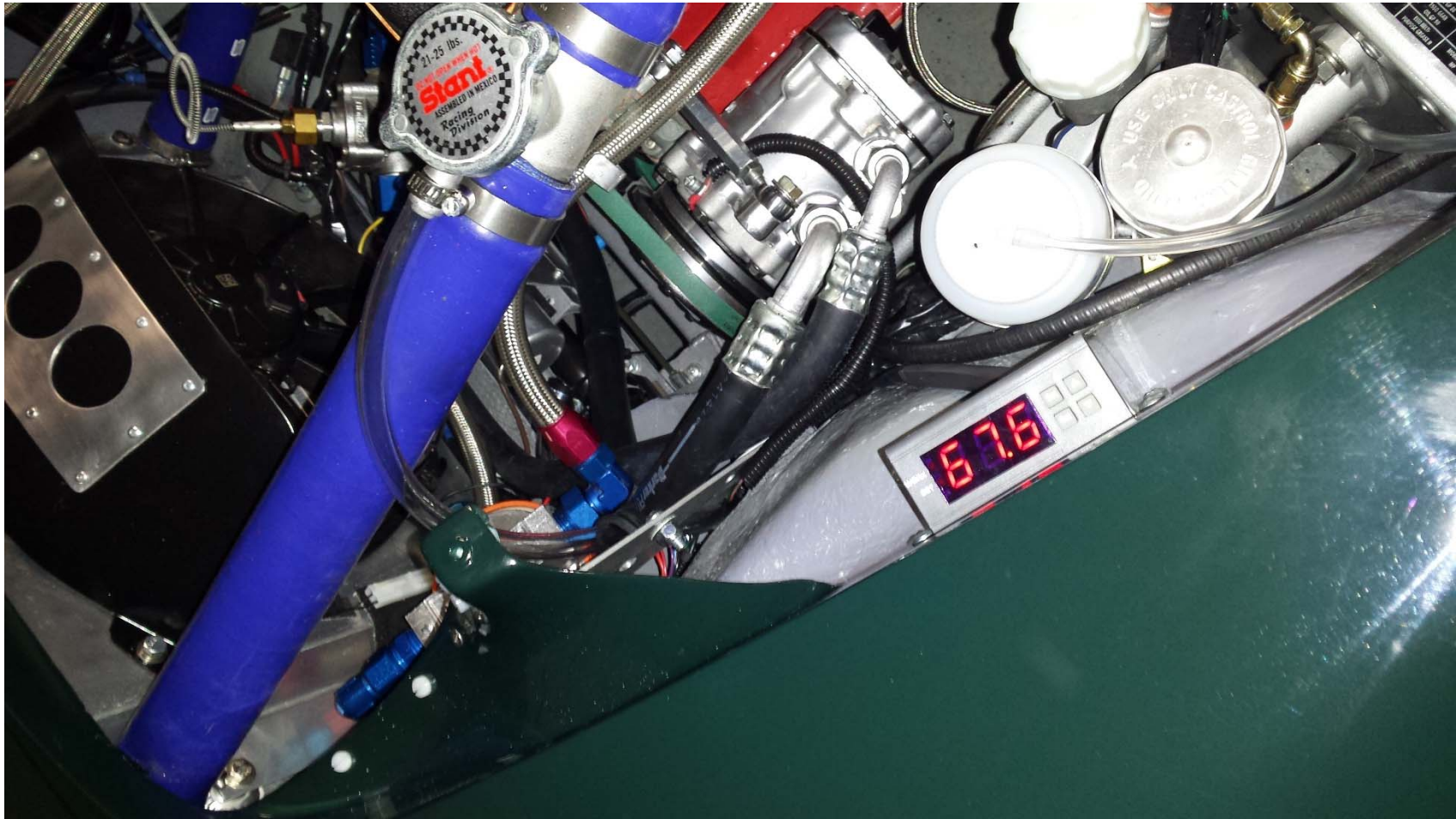
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Finished Engine compartment installation



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Programmable Radiator Fan



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Foot-well vents & A/C charging ports



S3 Lotus Elan 'Cool at last'

