

THPNNJ05177

N=1973

J=January

Body Service 51048

ZF 006983

Block D2AECA/ 2K18 (October 18, 1972) 04527

Head Crane C5569X (replaced)

Get the most return for work performed and keep budget to minimum. Mechanical over luxury. Primary highway cruiser needs to be city driven capable.

	Estimate
1) Transport to shop	
a. Body on "wagon"	
b. Engine at Glenn Revels	
c. Parts gathered in enclosed trailer	
d. Transaxle rebuilt by Ron McCalls	
2) Body repairs	
a. Complete disassembly	
i. Remove glass	
ii. Remove remaining front suspension	
iii. Remove doors	
b. Remove under coating and old paint Repair under body road scuffs	
c. Stitch the spot welds	
d. Add jack plates front/rear/4 point/	
i. Front and rear recovery hooks Original lower location duplicated in rear	
e. Re enforce frame	
f. Right side damage	
g. GTS front and rear spoilers	
h. Skid plates (most likely spots for road scuffs, wood/plastic/etc)	
i. Replacement Euro SS bumper (purchased)	
j. New Rubber seals doors/windows	
k. Refurb headlamp motor and bar bushings	
3) Paint scheme. Light grey with dark grey hoods and lower section	
a. Driver quality, durable, all weather driving	
b. Under body dark grey	
c. Original mirrors black (or chrome mustang)	
d. Polish Bright trim	
e. Quarter gills and grills black	
f. Fill in marquee holes (go back with no plates)	
g. Lower sticker theme	

4) Suspension	
a. Black	
b. Refurb with original type bushing (purchased)	
c. Replace ball joints (purchased)	
d. New wheel bearings	
e. Set high ground clearance (factory shock spacers)	
f. Check original Konis and reuse if possible (spare used set w/ gt springs)	
g. New rack purchased	
5) Interior (go back with original look)	
a. Modern AC system	
b. New/rebuild window drives	
c. Sound deaden/heat blankets	
d. New flooring	
e. Bulk head reduction?	
f. New headliner	
6) Engine	
a. Black	
b. Build for low end torque and drivable (Revels)	
c. GTS Headers and Mufflers purchased (modify for quite)	
d. Modern carburetor	
e. Maintain dual point distributor	
f. Low point block coolant drains with nipple	
g. Bungs for A/F probes	
7) Trans axle	
a. Rebuilt by Ron McCall	
b. New u joints	
c. Black axle shafts and flanges	
d. New clutch/throw out bearing	
e. Add Axle grease shields	
f. Resurface clutch	
8) Cooling	
a. Maintain original look, <ul style="list-style-type: none"> <li>i. Convert overflow to surge tank w/pressure cap.</li> <li>ii. Raise surge &gt;4" to provide 1 quart air volume above full swirl (? Access through engine cover)</li> <li>iii. OR Provide 2 quart overflow with swirl and surge same height?</li> </ul>	
b. Continuous venting to surge tank <ul style="list-style-type: none"> <li>i. Swirl w/ non relieving cap</li> <li>ii. Heater return</li> <li>iii. Surge drain valve with nipple to allow swirl cap to be removed</li> </ul>	

iv. Surge relief vent to new overflow?	
c. New fans <ul style="list-style-type: none"> <li>i. Push or pull?</li> <li>ii. Need to determine switch setting on radiator outlet</li> </ul>	
d. Refurb original radiator with modifications (or New?) <ul style="list-style-type: none"> <li>i. Upper vent ports on both tanks</li> <li>ii. Ports for fan switch</li> <li>iii. Low point drain valve in pipes</li> <li>iv. Add "nozzle" to outlet pipe upstream of vent tube</li> </ul>	
e. Gates Powergrip hose bands	
f. Gates hoses	
g. Heater valve outside cabin (recirc to deairator)	
h. Robert Shaw thermostat (180/190) (purchased)	
9) Hydraulics	
a. Refurb clutch	
b. Refurb calipers/ new pads (spares purchased and rebuilt)	
c. Master Cylinder?	
d. Refurb proportional/switch block (seals purchased)	
e. New tubing/hoses	
f. Rebuild the clutch/brake/accel pedals	
g. Rebuild shifter and linkage <ul style="list-style-type: none"> <li>i. New improved trunion</li> <li>ii. New u-joints ?</li> </ul>	
10) Wheels	
a. Stay with original 15"	
b. Have three 8" and three 7".	
c. Anneal?	
d. Clean and paint	
e. Tires <ul style="list-style-type: none"> <li>i. BFGoodrich TA 255/60R15 102S for 8" 27.1</li> <li>ii. BFGoodrich TA 215/60R15 93S for 7" 25.2</li> </ul>	
11) Electrical	
a. Wrap/protect harness	
b. Maintain original look for gauges/switches functional <ul style="list-style-type: none"> <li>i. Original gauges</li> <li>ii. Coolant fan run lamp in speed odometer</li> <li>iii. Move coolant sender to pump inlet</li> <li>iv. Add high coolant temp high lamp at gauge</li> <li>v. Add low oil pressure lamp at gauge</li> <li>vi. Add (move) low fuel lamp at gauge</li> </ul>	
c. Due to replacement dash, consider <ul style="list-style-type: none"> <li>i. Pull type headlight and wiper/washer on left</li> <li>ii. Add Console switches for ignition &amp; start</li> </ul>	

iii. Hazard between speed/tach	
d. Possible mods to dash <ul style="list-style-type: none"> <li>i. Add high coolant temp high lamp at gauge</li> <li>ii. Add low oil pressure lamp at gauge</li> <li>iii. Add (move) low fuel lamp at gauge</li> </ul>	
e. Delete cigar lighter	
f. Add Cruise control	
g. Radiator fan switches in radiator outlet	
h. Relays additional wiring added for heavy loads <ul style="list-style-type: none"> <li>i. Radiator fans</li> <li>ii. Window motors</li> <li>iii. Headlamps OFF till open</li> </ul>	
i. New alternator using bulk head reduction bracket	
j. New battery	
k. New bulbs and lamps LED	
12) HVAC	
a. New AC system <ul style="list-style-type: none"> <li>i. New compressor using bulk head reduction bracket</li> <li>ii. New condenser/dryer/hoses (?move to front)</li> <li>iii. Possible variable orifice for simple on/off</li> </ul>	
b. Refurb cabin air box <ul style="list-style-type: none"> <li>i. Slide cables for dampers</li> <li>ii. Heater valve (relocate in engine bay?)</li> <li>iii. Fans</li> <li>iv. Core/evaporator</li> </ul>	
c. heater isolation/recirc in engine bay (electrical on/off)	
13) Misc	
a. Jack plates front/rear & 4 point lift	
b. Rear recovery hooks	
c. Skid plates	
d. Windshield wiper/washer <ul style="list-style-type: none"> <li>i. 120 degree gear <a href="http://www.s-v-c.co.uk/product/14w-wiper-drive-gear/">http://www.s-v-c.co.uk/product/14w-wiper-drive-gear/</a></li> <li>ii. 1987 Nissan Maxima arms. Driver's side: 2888134E00 Passenger side:2888634E00Nissan arms</li> <li>iii. MGB ends with drilled 3/16" and 0.73"L Chicago bolt</li> </ul>	
e. Rear cargo insert refurbished/trimmed (wheel chair)	

