

Disclaimer: This document is a guide only. It is not an exhaustive list of known issues. Some issues may have been experienced only in certain countries and only in certain production runs. We are in no way responsible for any loss or damage financial or otherwise whether direct or indirect from the use of this document.				
Symptom	Caused By	Model	Year	Solution
Lean fuel, melted pistons	Faulty/old fuel pump	All		Replace fuel pump & filter
Grease spray around wheels/guards	CV boot(s) split	All		Re-pack CV joint(s) and replace boot(s). Replace complete driveshaft if req'd.
Running rich, misfire or will not pull under boost	Faulty airflow meter (AFM), possibly from over oiled pod style filter	All		Replace AFM & check air filter
No boost or erratic boost	Faulty boost control solenoid	All		Replace boost solenoid
Overboosting, ECU hits boost cut	Faulty waste gate diaphragm and/or leaking/broken waste gate hoses	All		Replace waste gate actuator, check and replace boost hoses as required
Clunk or knock going over bumps or during gear changes from engine/trans area or engine on lean	Failed engine and/or trans mounts	All		Replace mounts, use Group N mounts for better performance and longevity
Odd rattling from engine bay	Broken or loose exhaust heat shields	All		Check heat shields, replace/tighten bolts or shields as required.
Oil leak from front of engine	Failed Cam and/or front crank seals	All		Replace seals
Oil leak from sides of engine	Failed cam cover seals	All		Replace seals
Oil leak from rear of engine (between engine and gearbox)	Failed rear main seal	All		Replace seal (usually replace clutch at same time)
Engine Overheating	Stuck/old thermostat due to irregular changes/incorrect coolant (more common on older GC's)	All		Replace thermostat, flush cooling system and use correct coolant
Oil in coolant, coolant in oil and/or excessive bubbling/froth from header tank, coolant scent in exhaust	One or more blown head gasket(s) from over heating, running with low, incorrect or old coolant and/or excessive boost	All, although more prevalent in 95-00 GC		Recondition heads, replace water pump, all belts and hoses and replace head gaskets

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Air leak under boost from under intercooler	Factory plastic turbo to i/c pipe split	GC	93-96	Replace with alloy or silicone pipe
Misfire under load, worse under boost	Failed coil on spark plug(s). Insulation on coil broken down or coil cracked	GC	93-96	Replace coil(s), may be converted to GD coil on plug set up
Engine knocking	Big end bearing/rod bolt failure if car driven hard or extra boost applied	GC	98/99	Replace engine or rebuild bottom end
Hard to re-fill radiator	Air lock in engine due to rad/header tank design	GC	All	Fill radiator through top hose, then use coolant funnel to fill to correct level
Rear diff knocking on body on gear changes	Worn or missing rear cradle bushes	GC	93-00	Replace bushes
Knocking in front end	Loose drop link or sway bar bolts causing excessive movement	GC	93-00	Tighten bolts, replace drop links and/or replace sway bar bushes
Coolant leak, loss of coolant	Plastic coolant header tank brittle and/or rubber seal/crimping failed	GC	93-97	Replace header tank with later model alloy tank. GD onward tanks require different length hoses and a small adapter bracket to fit correctly.
Top end ticking or valve train noise	Faulty or dry hydraulic lifters	GC	93-96	Replace engine oil & filter, try lifter free additive, worse case scenario, replace hydraulic lifters
Coolant leak, loss of coolant	Crack or split radiator tank(s)	GC	93-00	Replace radiator
Cold fast idle then idle slows after short period and CEL comes on until engine warms up. Also engine will not start or difficult to start when warm	Faulty coolant temp sensor(s)	GC	93-96	Check wiring and plugs to all coolant sensors and replace if required
Noisey or blown gears in transmission	5 speed trans weak if car driven hard or abused	GC-GD	93-03	Replace trans of fit 6 speed
Wet carpets around front footwell(s) and coolant stains	Failed heater core	GC-GD	All	Replace heater core

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Lean fuel, melted pistons	Blocked injectors (side feed type) crystalised fuel	GC-GD		Clean injectors, replace filter
Erratic steering & poor turn in	Worn or broken lower control arm mount bushes	GC-GD		Replace bushes/complete mount or fit offset bushes and wheel align
Clutch pedal soft or sinks to floor suddenly	Split rubber clutch line from firewall to clutch slave cylinder	GC-GD		Replace clutch line or use complete braided line from M/cylinder to slave cylinder.
Engine will crank and not start, sometimes accompanied by CEL when idling	Faulty crank angle sensor, see also Brant alarm if fitted to vehicle	GC-GD	All	Replace crank angle sensor, check and replace cam angle sensor
Exhaust leak in engine bay and lack of power/low boost pressure	Cracked or broken up pipe	GC-GD	93-07	Replace up pipe, can fit full set of extractors and/or after market up pipe if required
Car cuts out, will not start or misfires (car with Brant alarm system and keypad)	Faulty Brant alarm system	GD	03-07	Remove alarm system and fit new system
Shuddering clutch	Faulty OEM clutch	GD	02 -03	Replace clutch/flywheel (many done under warranty)
Fuel smell/weep at cold temperatures	Leaking engine fuel lines	GD	02-03	Replace engine injector feed fuel line
Coolant leak, loss of coolant	Failed seal/crimp on tanks to core	GD/GG & Sti	01-07	Replace radiator
Rear end clunking	Faulty rear strut tops	GD/GG & Sti	04-07	Replace strut tops or whole struts
Misfire under load, worse under boost	Failed coil on spark plug(s). Insulation on coil broken down or coil cracked	GD/GG & Sti	02-07	Replace coil(s)
Oil leaks sides and/or back of 2.5L engine	Weeping head gaskets	GD/GG & Sti	03-06	Replace head gaskets
Grumbling noise from front or rear wheels	Faulty Wheel bearings (possible hard driving and/or track use)	GD/GG & Sti	04	Replace wheel bearings
Rough idle or rpm increase not smooth 2.5L motor	Blocked or disintegrated AVCS oil filter	GD/GG & Sti	04	Remove AVCS filter

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Brembo brake issues	Caliper bolts siezed in struts	GD/GG Sti	03-04	Replace bolts, often need to drill and tap threads
Worn radiator top hose	Thermo fans contact top hose causing wear	GD/GG Sti	03-04	Replace top hose and fit fan guard
Clunk or knock going over bumps or during gear changes from engine/trans area or engine on lean	Failed engine mounts (Liquid filled)	GD/GG Sti	06	Replace with later solid rubber engine mounts
Engine hesitation	ECU firmware issue	GD/GG Sti	07	Reflash ECU or aftermarket re-tune
Crunch into 4th & 5th Gear	Weak synchro	GD/GG Sti	04-05	Replace 4th & 5th gear synchros
Noisey clutch pedal accompanied by serious firewall flex when pressing clutch pedal	Failed welds on firewall	GE-GV & Sti	08-10	Re-weld firewall and possibly fit after market brace to stop flexing (many done under warranty)