

# CASCADES AUTO ELECTRICAL

139 Cascades Rd  
Pakuranga, Auckland  
Ph/Fax (09) 5766299  
GST No. 42-825-581

## INVOICE TO:

Mike Knight

## DATE

10/07/2007

## INVOICE

172

## MAKE

MG

## MODEL

## REGO NO.

GT1618

## DESCRIPTION

## RETAIL

## RATE

## AMOUNT

Supply and fit Steel mate Alarm as required  
Test operation ok

Fit and wire starter switch

Fit and wire Washer motor wiring

1 x Relay

15.00

15.00

Consumables

10.00

10.00

Labour

72.00

72.00

1 x Steel Mate alarm and fitting

280.00

280.00

**TOTAL (Inc)**

**\$377.00**

All parts contained in this invoice remain the property of Cascades Auto Electrical until paid in full.

EUROTEC  
RPM



# Eurotec Instruments Ltd

HVAC WAS  
Instrumentation & Control Products  
CROWL

Refrigeration

Electrical



Air Conditioning Controls

**INNOTECH**

Innovative Technology

Air Conditioning Controls



AC Controls & Valves



Gas Detection Controls & Sensors

**BENNING**

Electrical Test Instruments



Portable Measuring Instruments

EUROTEC RPM	DEGREES	DOUB	CAN STILL BE REMARKED TO
1000	6°	12	10° 2 1000 RPM
1500	11°	16	IF REQ.
2000	17°	19	
2500	21	23	
3000	25°	26	
3500	27°	29	
4000	30°	33	
4500	36°	32°	
5000	39	32	MAX !!
5500	40°		
6000			

Tynn Rogers  
5343363

# Tech notes - Gearbox

MGB gearboxes (especially the early ones) aren't the most bullet proof of modern day designs. However, this doesn't mean they can't give reliable service over extended periods. As with any mechanical component, proper lubrication is critical.

A favorite topic of conversation among B owners is what sort of oil to put in these funny English gearboxes, and this is where the trouble starts. Everyone has a pet theory, even the factory books have been known to provide conflicting information. Whatever one might think, engine oil seems to work best, not 90wt. gear oil. Castrol recommend GP50 for 3 synchromesh gearboxes. The 2nd gear synchro will be slow when cold, but the gearbox will last longer.

Unfortunately, many people, upon hearing that the gearbox uses engine oil, mistakenly assume this means oil is fed to the gearbox from the engine. Not so. The gearbox has its own oil supply which leaks out on the driveway in the same manner as the engine's oil supply. A lot of "slow" MGB gearboxes are simply suffering from lack of oil. This condition must not be left unchecked.

If you own an MGB and have never checked the gearbox oil level, now's the time to start. First off, let's bear in mind the simple fact of personalities. MGBs (in fact most British sports cars) require that you occasionally get down on your knees and grovel before them. Think of it as idol worship. Bearing this in mind, wander over to the right side of the car (RHD cars), open the door, get down on your knees, and crawl head first into the driver's footwell.

Once in position, knees on the ground, head where your feet belong, look for someplace really inaccessible. Let's try under the carpet, between the firewall and console on the transmission tunnel. Peel back the carpet to expose a rubber plug (or empty hole as the case might be.) Lurking somewhere down there, half covered by old grease and dirt, is a combination filler plug and dipstick. Pull this out, wipe it off, then attempt to restore it to its original location in the gearbox. Once done, pull it back out and get a proper reading of the oil level. You may find the hole in the trans tunnel is conveniently designed to be a little too small for you to get your hand down in there. Use the stiff upper lip method...perseverance. Just don't get your finger stuck in the dipstick hole!

If the level is at the top mark, all is well. If not, the best way to add oil is by using some cheap plastic tubing from the hardware store and a funnel. Feed the tubing into the tiny little hole in the transmission, then slowly pour oil through the funnel. Remember, the gearbox doesn't hold all that much oil, so check the level often. You don't want to overfill it. Put everything back together, crawl out, and know in your heart of hearts that the MG gods have been satisfied.

There have been a few stories about cars that worked well until the day the gearbox ran dry and locked up at 55 mph. Make a gearbox oil level check part of your routine maintenance schedule and you'll never have trouble again. Well, at least not until something else goes wrong.

*(Thanks for Garth Bagnall of The MGShop for his review of this article)*

# *the Classifieds!*

Non-trade classified advertisements are free; trade classified advertisements are \$5.00 to members where this is a normal part of a business, personalised plate advertisements cost \$20 for non-members. Advertisements can be mailed to Tony Simmons, 5 Ted William Street, Auckland 1007 or emailed to [tonysi@orcon.net.nz](mailto:tonysi@orcon.net.nz). You can also phone or fax advertisements to (09) 627-2900.

## **for sale**

**MGB Roadster 1979** - dark red, overdrive, walnut dash, near new soft top, partial rebuild 4 yrs ago. No rust goes well, very tidy car (my own driver) \$10,800

**MGB V8 roadster** - Near complete rust free project car. Worked V8 Rover, Celica 5 speed, steel flywheel, AC Clutch, ex USA race car (Atlantic series). Fire wall back 4.5". Owes me over \$12,000 .....will sell if price is right.

**MGB roadster** - (rubber) BRG, rebuilt body, suspension and paint. Engine and gear box appear great, needs wiring and trim to finish. \$6,000 would tempt me.

**MG M type /MM** spare engine and possibly gear box for sale. Hmmm, might even consider selling a whole rolling chassis with race engine, most of the car less body.

For any of the above, contact Tony Lowe (09)636-4152

**MG Montego 1990** - 2.0L auto, 1 owner, 59500kms. Excellent condition, sunroof, radio/cassette, central locking, tectyl'd, s/s muffler, receipts. \$3,000 neg. Phone Dave Mallin at (09)418-2747

**MGB 1971** - Aussie assembled, overdrive, recent motor and clutch overhaul, bodywork by Colletts, interior upgraded, wires, roll bar, personalised plate. \$14,000 for a genuine nice car. View at Colletts in Cambridge - phone Graeme (07)827-6458 - or contact owner Clive Snow at (04)527-7213

## **Parts for sale**

**SU Carburettors** - most sizes and range of twin manifolds available.

**Front cross member** for MGB chrome bumper. New \$350.00

For either of the above, phone Tony Lowe (09)636-4152

**MGB engine and gearbox** - 1800cc from 1979 MGB. Has been removed from car. \$800 ono. 4 speed all synchro gearbox \$500 ono. Both were in good working condition when removed December 2003. Ph Chris (09)817-7783 or email [crmjpm@xtra.co.nz](mailto:crmjpm@xtra.co.nz)

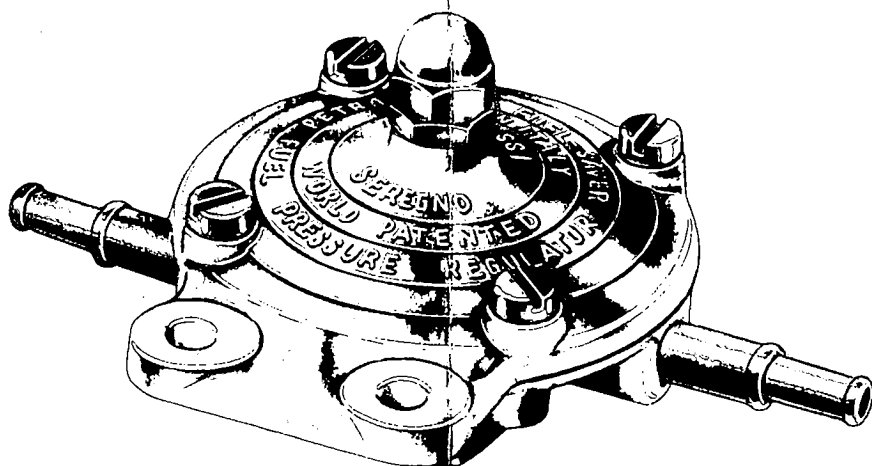
## **Wanted**

**MGB roadster or MG TF1500.** Preferably in good usable condition. Contact Doug or Lois at (09)232-7978 or email [linkie@clear.net.nz](mailto:linkie@clear.net.nz)

**MG TD handbrake assembly** - contact John at (09)434-6330 or email [rumbo@replicore.co.nz](mailto:rumbo@replicore.co.nz)

# PETROL KING FUEL - SAVER

**fuel device for true fuel savings**



The new fuel pressure regulator «PETROL KING FUEL-SAVER» has been specially designed to provide a constant and steady flow of fuel under all driving circumstances. The special advantage is that the «PETROL KING FUEL-SAVER» compensates by means of its large and easily reacting membrane the differences of climate and altitude. It can develop a pressure up to 3 times as much as necessary to provide the carburetor with the necessary quantity of fuel. The carburettor will be overcharged there will be waste of fuel, stalling or starvation of the engine.

The «PETROL KING FUEL-SAVER» has to avoid these difficulties as it is reducing and normalizing the fuel pressure. This pressure regulation grants at the same time perfect idling and immediate starting. Furthermore the elasticity of the car will be improved without lowering the performance of the engine at high revolutions. The setting of the «PETROL KING FUEL-SAVER» has been exactly calculated according to engine power plus additional safety margin.

---

THE «PETROL KING FUEL-SAVER»

**REGULATES THE PULSATION OF THE FUEL PUMP,  
PREVENTS UNPLEASANT AIR BUBBLES,  
REDUCES THE FORMATION OF CARBON RESIDUES,  
DIMINISHES THE DANGER OF FIRE IN THE CAR,  
IMPROVES THE PERFORMANCE OF THE ENGINE,  
ENABLES FUEL SAVINGS FROM 5 - 10 %,  
GIVES REGULAR AND CONSTANT IDLING,  
MAKES EASIER DRIVING IN LONG QUEUES,  
PREVENTS OVERFLOWING OF CARBURETTOR**

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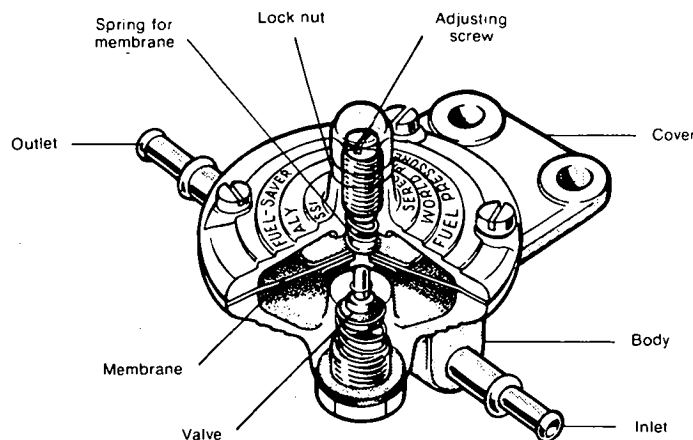
The «PETROL KING FUEL-SAVER» has been adjusted for pressure corresponding to the top performance of the relative engine. The fuel-flow has been calculated by taking into consideration the diameter of the float needle valve and the capacity of the float bowl of the carburettor. If it should prove necessary to alter the fuel pressure to the carburettor, act as follows:

If the fuel pressure is too low take off the blind cap nut, loosen the opposite lock nut and turn the adjusting screw half a turn in clockwise direction.

If however the pressure should be too high act as before but turn the adjusting screw counterclockwise always only for half a turn. This adjustment has to be done gradually until the ideal pressure will be reached. If there should be stalling or starvation under acceleration, or at high speeds, the pressure always has to be increased by turning the adjusting screw gradually by half a turn in clockwise direction. When the setting of the screw is made, be sure to tighten the lock nut carefully, so that the position of the adjustment screw is not changed, then install cap nut and tighten.

The «PETROL KING FUEL-SAVER» is warranted for perfect function. It is made under control of the best of materials and workmanship and will perform, giving benefits of economy and performance for many years of trouble-free service.

# Model of function PETROL KING FUEL-SAVER



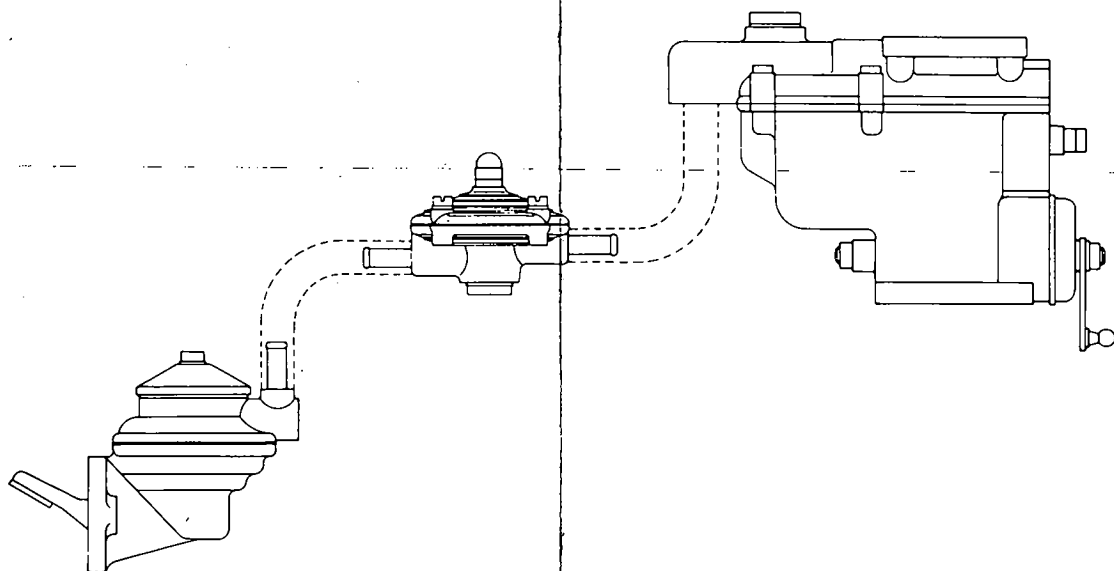
**Approved by  
automotive engineers  
and carburettor  
specialists**

## IMPORTANT

Before mounting, be sure that the engine is in perfect condition. Check the ignition system, contacts and the spark plugs. These parts are necessary for the engine to reach its top performance.

The « PETROL KING FUEL-SAVER » has to be installed on the car-body at distance of all sources of warmth and engine vibrations. For installation use the special support delivered together with the « PETROL KING FUEL-SAVER », care for horizontal mounting. After having installed the «PETROL KING FUEL-SAVER» make sure that there will be no leakage between the fuel pump and the carburettor, fastening the pipe to the inlet and outlet adapters by the safety- clamps.

Check the idling and eventually adjust it.



# MINTEX brake pads

**HIGH**  
**PERFORMANCE**  
**RANGE**

## BEDDING IN PROCEDURE FOR COMPETITION MATERIALS

**M1144 - M1155 - M1166**

All three materials may benefit from some preconditioning applications to pre-fade the material, and then allow to cool before use. ie: Cook 'em until they fade - then let cool! This will bleed out the gases + resins in the material and fade will not re-appear.

### **M1144**

1. 2-3 gentle applications from an initial speed of 20-30 M.P.H.
2. 5-6 hard applications using race speeds and pressures

### **M1155 & M1166**

1. 2-3 gentle applications from an initial speed of 20-30 M.P.H. *make sure you have a pedal!*
2. 10-12 hard applications using race speeds and pressures *120k down to 20k on road*

3. *Let Cool*

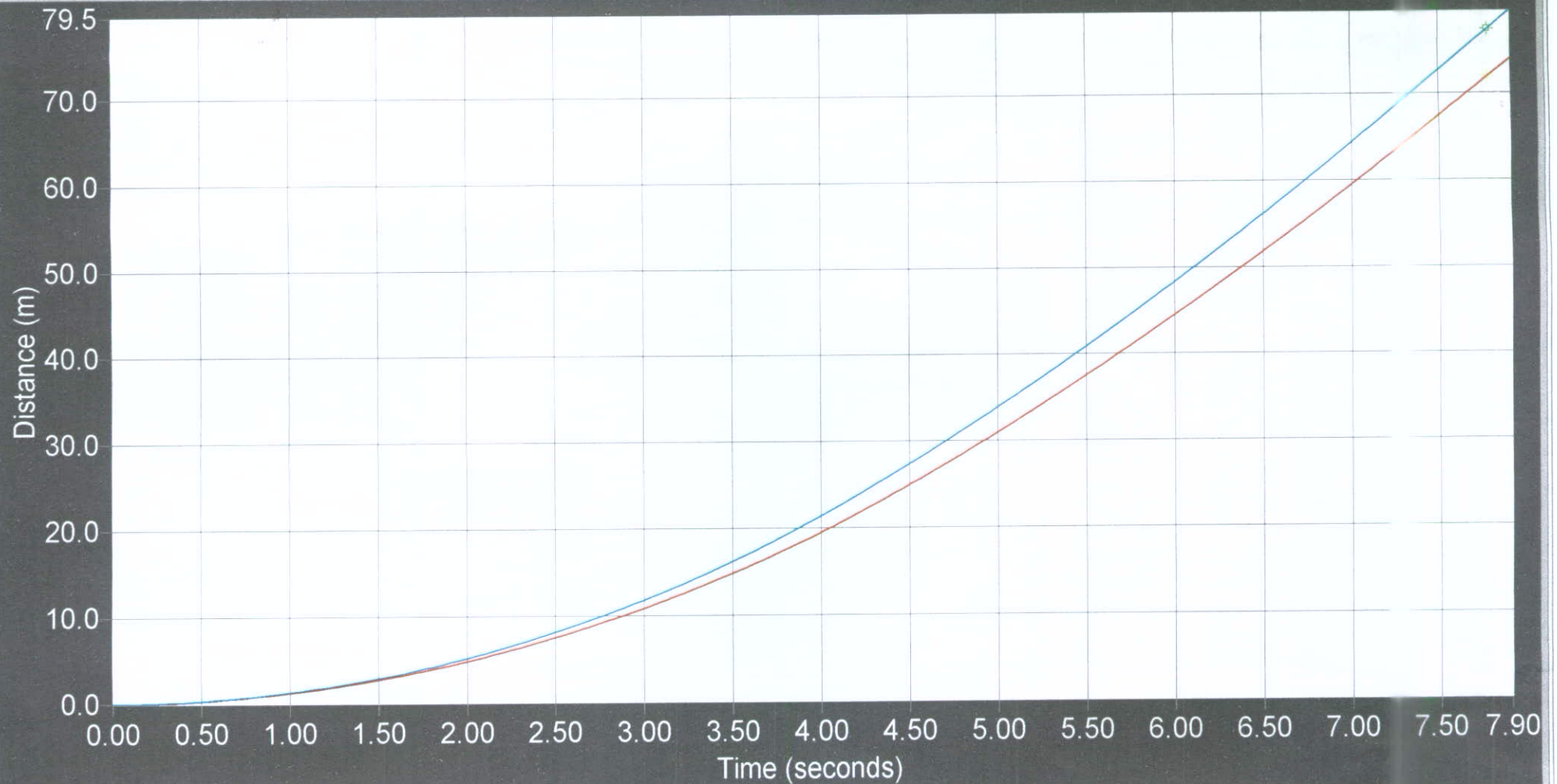
**RACE  
BRAKES**

"MASTERPART"

PH 0800 **BRAKES**  
e 7 e 8 3 7

MINTEX MOTORSPORT

Acceleration : mgbgt1618



71.9

7.78

ratio

3.930

Distance (m)

Time (s)

Graph Type

Accel Distance/Time

77.4

7.78

gain

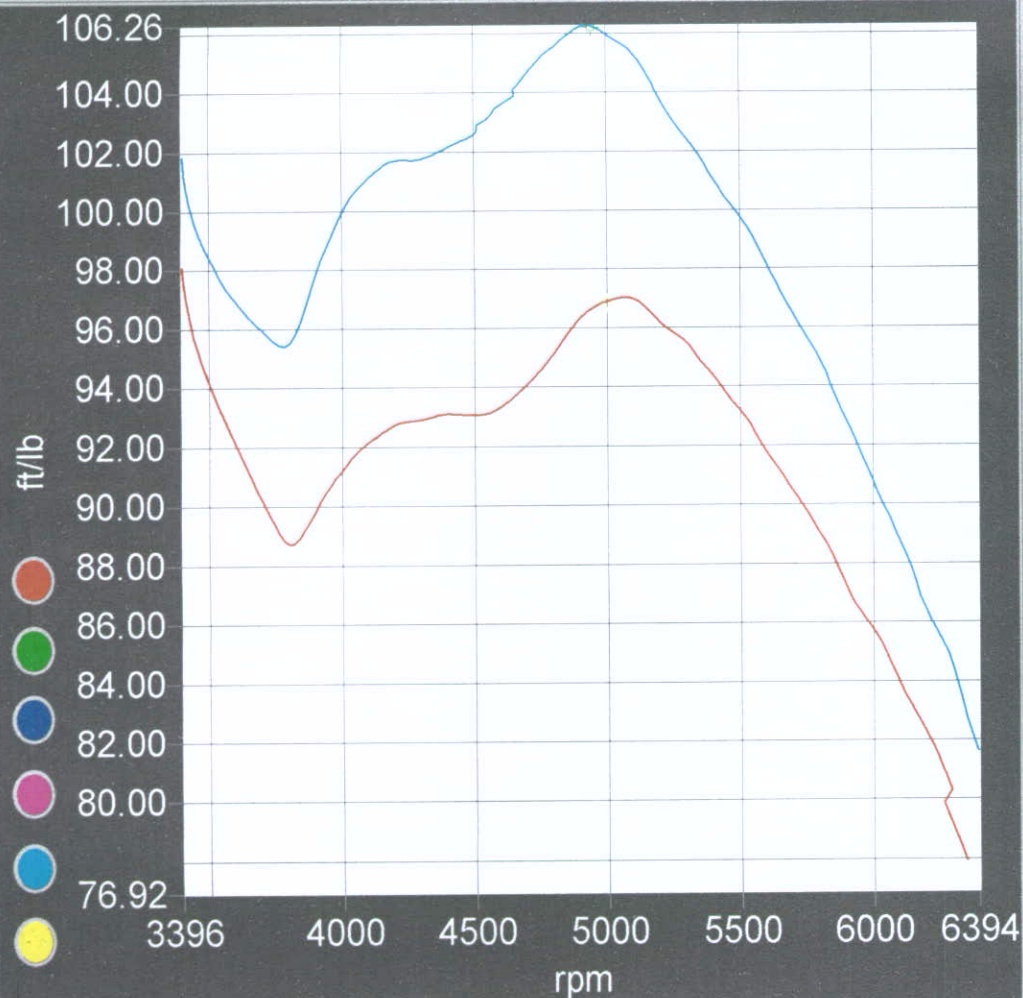
5.495

**HUTER**  
Pukekohe  
Phone: (09) 238-8754  
Email: [Homewood@lhug.co.nz](mailto:Homewood@lhug.co.nz)  
Bob Homewood - Pukekohe

Folder mgbgt1618  
Run ID mgbgt1618  
Date 01-Oct-2004 16:22:24

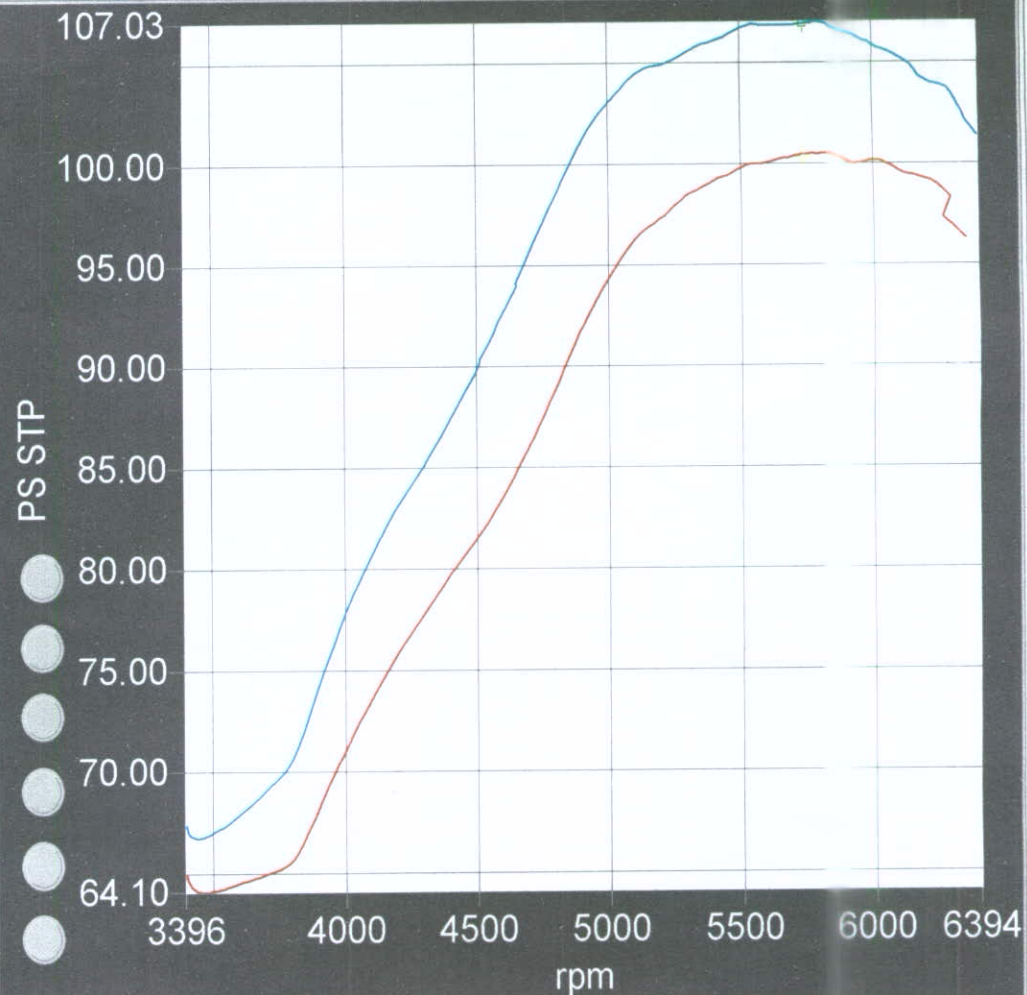
**dynapack**  
CHASSIS DYNAMOMETERS

Fly Wheel Torque Graph : mgbgt1618



96.8	139	4999	ratio	3.930
ft/lb	km/h	rpm	tcf	1.00
106.2	138	4944	gain	9.4

Fly Wheel Power Graph : mgbgt1618



100.3	160	5738	ratio	3.930
PS STP	km/h	rpm	tcf	1.00
106.9	160	5738	gain	6.6

Bob Homewood  
Pukekohe  
Phone: (09) 238-8754  
Email: Homewood@ihug.co.nz  
Bob Homewood - Pukekohe

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Run ID mgbgt1618  
Date 01-Oct-2004 16:22:24

**dynapack**  
CHASSIS DYNAMOMETERS

M72 SCAT-

FRANKLIN CAM SERVICES LTD  
127 MANUKAU ROAD  
PUKEKOHE

PH 09-2384067

FAX 09-2384067

EMAIL CAM@PS.GEN.NZ

CAM PRO PLUS Cam Lift Report


1:05 AM

Pg 1

+11.11111Y

I/E	FILE	RUNOUT	LIFT	DUR.	OPEN	CLOSE	AREA
E1	VP4EX	.0017	.015	297.3	73.5 BBDC	43.7 ATDC	27.91
			.050	246.9	51.1 BBDC	15.8 ATDC	27.21
Centerline		108.7 BTDC	.321	---	PEAK LIFT ---		
.050 Lift C/L		107.7 BTDC					
Peak Open Acc.		.000440					
Peak Nose Acc.		-.000280					
Peak Close Acc.		.000405					
Lift @ TDC		.0958					

I/E	FILE	RUNOUT	LIFT	DUR.	OPEN	CLOSE	AREA
I1	VP4EX	.0011	.015	298.4	41.4 BTDC	77.1 ABDC	27.99
			.050	247.5	18.4 BTDC	49.1 ABDC	27.28
Centerline		104.7 ATDC	.320	---	PEAK LIFT ---		
.050 Lift C/L		105.4 ATDC					
Peak Open Acc.		.000441					
Peak Nose Acc.		-.000281					
Peak Close Acc.		.000411					
Lift @ TDC		.1071					

106° 

Plugs  
NGK  
BP7ES

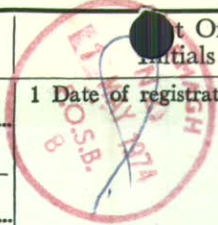
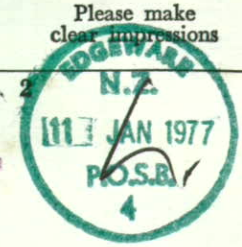
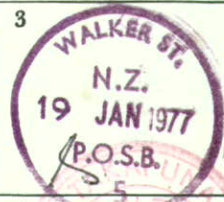
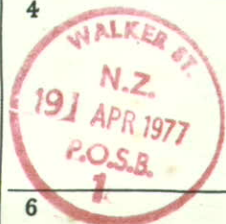

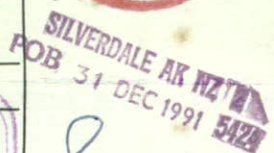



Repro RZ 82  
oil Filter

09 534 3363 LYON

INLET, FULL LIFT 102°-103°

IN 15 THOU.  
EX 15

SET TO 101°

Recorded Mileage of Vehicle	*Name and Address of Owner	Post Office Date Stamp and Initials of Recording Officer
20	1 SHACKELS BUTCHERIES LTD 108 GLANDOVEY ROAD, CHCH.	1 Date of registration 
33214km	2 SANDRA ARLENE MINARDS 7 RACKEL PLACE CHCH 4.	
33627	3 COOPER-HENDERSON MOTORS Cnr TUAM & DURHAM ST., CHCH	3 
36100	4 Margaret Nell Gray 3 Oak Place CHCH	4 
59200 inf	5 ROBIN DAWN HEWITT 33 LAKE ROAD TAKAPUNA	5 
59000	6 MRS PATRICIA ANN TRINDE BAKER The Avenue ALBANY	6 
FOLD INWARDS HERE		
160920	7 North Shore Mazda Ltd Corner Target & Wairau Roads, Glenfield, Auckland 10.	7 
160920	8 Fay Doreen Booth 4 Orly Ave Mangere AK	8 
163000	9 Mr Roby Norman McLeish 151 Scenic Drive Titirangi	9 
	10	10
	11	11
	12	12

\*NOTE FOR RECORDING OFFICER—Enter title Mr, Mrs or Miss as applicable. Write Christian first names in full. Print surname last in BLOCK letters. Show full address.

# NOTES FOR REGISTERED OWNER

1. This Certificate of Registration is merely evidence of the transactions recorded herein and does not constitute a certificate of legal ownership. It must be produced to a Postmaster who is a Deputy Registrar of Motor Vehicles when notifying the disposal or change of type of the vehicle. No entries are to be made on this certificate or alterations made to the particulars recorded herein by any person other than an authorised officer of the Post Office. If this certificate is lost or becomes dilapidated a replacement is obtainable on application to a Deputy Registrar.

2. "Owner", in relation to a motor vehicle means the person lawfully entitled to possession thereof, except where—

(a) The motor vehicle is subject to a bailment that is for a period not exceeding 28 days; or

(b) The motor vehicle is let on hire pursuant to the terms of a rental service licence—

in which cases "owner" means the person who, but for the bailment or letting on hire, would be lawfully entitled to possession of the motor vehicle; and "owned" and "ownership" have corresponding meanings.

3. Within 7 days of any disposal the registered owner must notify a Deputy Registrar. The notification must be given on a special form which may be obtained from the Deputy Registrar's office. Penalty for failure: \$20 for each day the motor vehicle is used while such failure continues.

4. When a motor vehicle is destroyed, or becomes permanently useless, or is removed permanently from New Zealand the owner must forthwith notify a Deputy Registrar and return this certificate and the registration plate(s). The notification must be given on a special form which may be obtained from the Deputy Registrar's office. Penalty for failure: \$200 for every offence.

5. If a vehicle remains unlicensed for one complete licensing year the registration will be cancelled automatically by the Registrar of Motor Vehicles.

6. All non-petrol driven motor vehicles except those qualifying for Class A and Class B are subject to mileage tax.

Nº 569594

TRANSPORT ACT 1962

## CERTIFICATE OF REGISTRATION OF MOTOR VEHICLE

THIS IS TO CERTIFY that the motor vehicle, particulars of which are given herein was

registered at ARMAGH

on 1/5/74

Deputy Registrar of Motor Vehicles.

Registration plate number

**GT 1618**

Make, and Year of Manufacture

1974 M.G.B.

Engine No.

251

Chassis No.

341561

Type (see below for changes of type)

CAR

Model

G.T.

Motive Power

PETROL

G.C. Rating

1798

\*Gross Laden Weight  
lb

Vehicle is

†NEW/USED/REBUILT

Mileage Recorder Reading

20

‡Vehicle Previously Registered in

§Type Changed to

Date of Change

\*Not required for cars or motor cycles.

†Delete words not applicable.

‡Name of country to be shown herein.

§E.g., from car to rental car, public taxicab, etc.

6691

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59,200 mp	5 ROBIN DAWN HEWITT 33 LAKE ROAD TAKAPUNA	
50,000	6 MRS PATRICIA ANN TRINDLE BAKER The Avenue ALBANY	
FOLD INWARDS HERE		
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160920	8 Fay Doreen Booth 4 Orly Ave Mangere AK	
163000	9 Mr Roby Norman McLeish 151 Scenic Drive Titirangi	
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	11	
	12	

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Model CAR  
G.T.

Motive Power  
PETROL

C.C. Rating 1798

\*Gross Laden Weight  
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Vehicle is  
†NEW/USED/REBUILT NEW

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‡Vehicle Previously Registered in

§Type Changed to

Date of Change

\*Not required for cars or motor cycles.

†Delete words not applicable.

‡Name of country to be shown herein.

§E.g., from car to rental car, public taxicab, etc.

## History

Historic Rally Preparation Limited is run by Don Fenwick and his wife Adrienne. Who are building a new workshop in Pukekohe.



Competing in Dunlop Targa Rally 2003  
Awarded the Zealous Pride Award for the best presented car at the end of the event.  
In 2002 Dunlop Targa awarded 3<sup>rd</sup> in Class.

Don was involved from the start of rallying in New Zealand, preparing/building cars (BMW 2002TI, Escort BDA Mk1 and Mk2) and co-driving for Paul Adams. Winning the 1970 Silver Fern Rally in a BMW 2002.



Don and Adrienne spent 19 years in the U.K. Don working alongside many of the super-stars of the '70 and 80's when Don:

### 1976-1984

Built semi-works rally cars for The Chequered Flag in Chiswick London.

The legendary and famous Lancia Stratos HF



Don was chief/sole mechanic for preparation and rebuilding of the Stratos for: European Rally Championships, National Tarmac events, British Rally Championships, Irish Tarmac events. Up to 16 events per year. Numerous outright wins and top 5 placing's.

### Triumph TR7-V8



We were supplied with a works car - which was destroyed by an accident on its 1<sup>st</sup> event. I spent 3 months at Abingdon building a replacement Works car. At Chiswick I built a 2<sup>nd</sup> TR7-V8 out of spares.

## SOME INTERESTING PROJECTS

Contracted to Gartrac Fabrications:1986 & 87 Built David Gillanders' Metro 6R4 for Austin Rover Scotland for National and Scottish Championship. He won the National Championship and 2<sup>nd</sup> in the Scottish.



Contracted to Ford Motorsport Boreham as a mechanic for Northern hemisphere World Championship Rally events 1989-1992 on Sierra Cosworth 2WD and 4x4s.

Built up and restored Cooper Climax type 51 (1959). Preparation for Historic Sports Car events. Built from a pile of bits.



Restored a Lancia Stratos HF (Group 4) and fitted a Ferrari 308 V8 engine (for road use) interchangeable with the 24V Ferrari 246 racing engine.



**We offer a complete rally preparation service from standard to modified specifications.**

**No job too small.**

**At very reasonable rates**

### CURRENT RESTORATION PROJECTS

1970 Escort RS1600  
Alan Mitchell's 1972 RS1600 Rally Car.  
1966 Lotus Cortina

**Historic Motorsport - Daventry, U.K.** Helped to build for Ford England a MK1 RS1600 Escort for London to Mexico Rally 1996 - which they won (replica of original Works car which won the 1970 London to Mexico Rally).

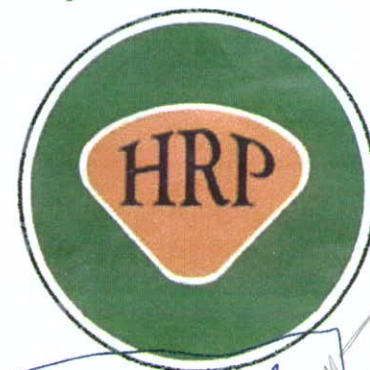


HARRY NIKOLA AND GUNNAR PALM WITH THE ORIGINAL AND REPLICAS LONDON TO MEXICO RALLY CARS

**Group N Escort Cosworth - team management, building and maintaining for U.K. National Rally Championship 1994.** Built to a high specification with Ford 909 Motorsport parts. Gartrac seam welded shell with welded multi-point Safety Devices cage. Full Mountune Group N engine. Dennis Osborne gearbox and diffs.



## Historic Rally Preparation Ltd



*13B Crosby Rd*

Don Fenwick >

Visit my website: [www.hrp.co.nz](http://www.hrp.co.nz)

Tel: 09 239 1282  
Mobile: 0274 843 348  
Fax: 09 239 1281  
Email: [fenwickdon@xtra.co.nz](mailto:fenwickdon@xtra.co.nz)

Body shell preparation, roll cage installation, preparing and rebuilding engines, transmissions, differentials, brake and suspension modifications, fitting of safety equipment, seatbelts, seats, extinguisher systems, electrical wiring and ancillary gauges installation, arrange panel and painting.

*New Address*  
Don is an A Grade Motor Mechanic

*239 MAPARA Rd*

*TAUPO*  
*same website & mobile no.*



*Historic Rally Preparation*  
*Limited*

P.O. Box 930  
31 Crosbie Road  
Pukekohe  
New Zealand  
Tel: 09 239 1282 Fax: 09 239 1281  
Email: fenwickdon@xtra.co.nz  
Don's Mobile: 0274 843 348

**CUSTOMER**

Rory McLeish  
98 Smith Road  
R.D.2  
Waiuku 1852

**TAX INVOICE No. 528**

GST NO. 85-233-084

DATE OF INV. 5<sup>th</sup> August 2004

MGBGT - GT1618

Repair and re-core Radiator	\$ 320.00
Clutch Plate and uprated cover	\$ 339.84

Replace cam bearings, pistons and rebore.  
Replace mains and big-end bearings, surface block.  
Check deck heights, change pistons on rods.  
Line bore block, polished crank, clean and  
tap out threads, replace block frost plugs, refaced  
cam followers. Build up to short block.

\$2375.70

Machine carb spacer blocks to 45mm	\$ 26.75
4 x "O" rings for carb spacer blocks	\$ 4.08
Clutch Cabon Thrust	\$ 61.00

June 17<sup>th</sup>

Remove motor from car and strip.  
Strip off cylinder head for taking to

Lynn Rodgers

8 hours \$ 240.00

July 13<sup>th</sup>

Take block to Lynn Rodgers in Howick  
For valve pocket mod.

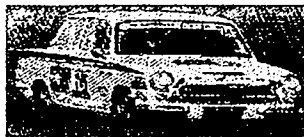
2 hours \$ 60.00

Sub Total \$3427.37

GST \$ 428.42

**TOTAL \$3855.79**

*Paul Fenwick*  
6-8-04



**Historic Rally Preparation**  
**Limited**

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31 Crosbie Road  
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New Zealand  
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Email: fenwickdon@xtra.co.nz  
Don's Mobile: 0274 843 348

**CUSTOMER**

Rory McLeish  
98 Smith Road  
R.D.2  
Waiuku 1852

**TAX INVOICE No. 528**

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Sub Total	\$3427.37
GST	\$ 428.42
<b>TOTAL</b>	<b>\$3855.79</b>

*Paul Fenwick*  
6-8.04.  
Waiuku 1852

Don't.

REPAIR & RECORE RADIATOR.  
CLUTCH PLATE & UPRAISED COVER

320.00 x  
339.84 x

REPLACE CAM BEARINGS, PISTONS & REBORE.  
REPLACE MAINS & BIG END BEARINGS, SURFACE BLOCK.  
CHECK DECK HEIGHTS, CHANGE PISTONS ON RODS  
LINE BORE BLOCK, POLISHED CRANK, CLEAN & TAP OUT  
THREADS, REPLACE BLOCK FROST PLUGS, REFACE CAM.  
FOLLOWERS. BUILD UP TO SHORT BLOCK.

2375.70.

MACHINE CARB SPACER BLOCKS TO 45MM.  
4x "8" RINGS FOR CARB SPACER BLOCKS

26.75.  
4.08

JUNE 17

REMOVE MOTOR FROM CAR. & STRIP  
STRIP OFF CYLINDER HEAD FOR TAKING TO  
LYNN RODGERS.

8H

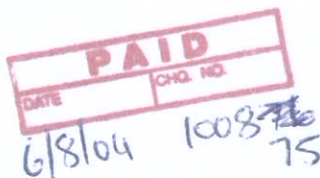
240.00.

JULY 13

TAKE BLOCK TO LYNN RODGERS  
IN HOWICK FOR VALVE POCKET MOD.

2H.

60.00



GST

3366.37  
420.80

\$3787.17

CLUTCH CARBON THRUST

GST

61.00  
7.63

3855.80

Don't.

REPAIR & RECORE RADIATOR.  
CLUTCH PLATE & UPDATED COVER

320.00 x  
339.84 x

REPLACE CAM BEARINGS, PISTONS & REBORE.  
REPLACE MAINS & BIG END BEARINGS, SURFACE BLOCK.  
CHECK DECK HEIGHTS, CHANGE PISTONS ON RODS  
LINE BORE BLOCK, POLISHED CRANK, CLEAN & TAP OUT  
THREADS, REPLACE BLOCK FROST PLUGS, REFACE CAM  
FOLLOWERS. BUILD UP TO SHORT BLOCK.

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8H

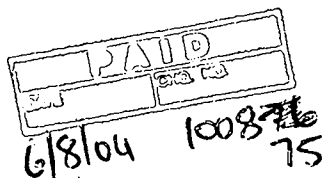
240.00.

JULY 13

TAKE BLOCK TO LYNN RODGERS  
IN HOWICK FOR VALVE POCKET MOD.

2H.

60.00



	3366.37
GST	420.80
	<hr/>
	\$3787.17
	<hr/>
	61.00
GST	7.63
	<hr/>
	3855.80
	<hr/>

CLUTCH CARBON THRUST

**Fee components for 6 month period for vehicle GT1618 as at 04/07/2007**

Licence Fee*	\$21.75
ACC Levy*	\$55.50
Other Levies*	\$0.02
Administration	\$6.72
GST	\$10.60
TOTAL	<hr/> \$95.39

\*Fee varies with licence period

027833524

**Fee components for 6 month period for vehicle GT1618 as at 04/07/2007**

Licence Fee*	\$21.75
ACC Levy*	\$55.50
Other Levies*	\$0.82
Administration	\$6.72
GST	\$10.60
<b>TOTAL</b>	<b>\$95.39</b>

\*Fee varies with licence period

0278333524

Always look for the MTA sign

This checklist does not constitute a Warrant of Fitness.  
It should be read in conjunction with the Consumer Information overleaf

IO = Inspecting Organisation

VI = Vehicle Inspector



IO Name		Verb Auto Ceh		Customer's Name		Rory McLeish	
				Address		98 Smith Road	
						Wairua	
Number		MS22981.		Phone		2359363.	
Reg. No		GT 1618		Chassis/ VIN No.		341561	
Year/ Make		1974 MG		Model		BGT.	
				Current Expiry Date			
				Date 1st Reg.NZ		1/5/74	
						Odo-meter	
						186560	
Inspection Date		B-7-07		VI Signature		Vehicle	
						FAILED PASSED	
VI No.		A06590				If vehicle failed, fee expiry (28 Days) date	
Recheck Pass Date				Odo-meter		186560	
				Kms/ Mls		VI Signature	
New WoF Expiry Date		3-1-08		Entered Online		4	
				WoF Online No.		25-497	
						WoF Label No.	

### Reasons for Rejection

☐ ~~P~~ A1 Chassis/VIN Number  
☒ ~~No~~ A2 Modified Vehicle Decl/  
Plate Number

### (B) ROAD TEST

☒ B1 Service Brake Performance

96 % Or LF  RF

LR  RR

☒ B2 Service Brake Balance

☒ B3 ABS Self Check

☒ B4 Parking Brake Performance







☒ 1/5 % Or LH  RH  or

☒ Stall Test (Tick)

- ☒ B5 Speedometer
- ☒ B6 Wipers
- ☒ B7 Washers
- ☒ B8 Rear View Mirrors
- ☒ B9 Sunvisor
- ☒ B10 Horn/Audible Warning Device

**(C) VEHICLE INTERIOR**

- ☒ C1 Belt/Stalk Condition
- ☒ C2 Seatbelt Operation
- ☒ C3 Seatbelt Mounts
- ☒ C4 Seat Security and Operation
- ☒ C5 Entry/Exit Door Locks
- ☒ C6 Interior Fittings
- ☒ C7 Airbag Self Check
- ☒ C8 Head Restraints

  = Item Failed  
  = Item Passed  
  = Not Applicable

Brake Recheck ☐ % Tyre Recheck LF ☐ RF ☐  
(If applicable) (If applicable) LR ☐ RR ☐

## Comments

[illegible]

## Tax Invoice

GST. No. \_\_\_\_\_

Amount Paid: \_\_\_\_\_

Cash ☐ Card/ ☐ Cheque ☐ Charge ☐

Eftpos

Date: \_\_\_\_\_

(D) FRONT

Forward Position Lamps	D1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Direction Indicator Lamps	D2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Headlamp Condition/Aim	D3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Front Fog Lamps	D4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cornering Lamps	D5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Daytime Running Lamps	D6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other Lamps	D7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### (E) REAR LAMPS

Rearward Position Lamps	E1	<input checked="" type="checkbox"/>
Direction Indicator Lamps	E2	<input checked="" type="checkbox"/>
Stop Lamps	E3	<input checked="" type="checkbox"/>
High Mounted Stop Lamps	E4	<input checked="" type="checkbox"/>
Rear Reflectors	E5	<input checked="" type="checkbox"/>
Registration Plate Lamp	E6	<input checked="" type="checkbox"/>
Rear Fog Lamps	E7	<input checked="" type="checkbox"/>
Reversing Lamp	E8	<input checked="" type="checkbox"/>
Other Lamps	E9	<input checked="" type="checkbox"/>

## (F) VEHICLE EXTERIOR

Windscreens	F1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other Glazing	F2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
External Projections	F3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mudguards	F4	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**(G) UNDERBODY**

Hubs & Axles	G1	<input type="checkbox"/>	<input type="checkbox"/>
Steering Mechanism	G2	<input type="checkbox"/>	<input type="checkbox"/>
Suspension Mechanism	G3	<input type="checkbox"/>	<input type="checkbox"/>
Brakes, Hoses & Components	G4	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust System	G5	<input type="checkbox"/>	<input type="checkbox"/>
Towing Connections	G6	<input type="checkbox"/>	<input type="checkbox"/>
Tyre and Wheel Condition	G7	<input type="checkbox"/>	<input type="checkbox"/>
Tread Depth in mm	LF <input type="checkbox"/>	RF <input type="checkbox"/>	
	LR <input type="checkbox"/>	RR <input type="checkbox"/>	
Spare Wheel Label/Security	G8	<input type="checkbox"/>	<input type="checkbox"/>

## (H) SYSTEMS & COMPONENTS

Vehicle Structure & Hinged Panels (Refer Item 4 over)	H1	<input type="checkbox"/> <input type="checkbox"/>
Fuel System Safe	H2	<input type="checkbox"/> <input type="checkbox"/>
Visible Exhaust Smoke	H3	<input type="checkbox"/> <input type="checkbox"/>
A/F System Working (if fitted)	H4	<input type="checkbox"/> <input type="checkbox"/>
A/F Cert. Current (where system working)	H5	<input type="checkbox"/> <input type="checkbox"/>
A/F System Safe	H6	<input type="checkbox"/> <input type="checkbox"/>
Engine/Drivetrain	H7	<input type="checkbox"/> <input type="checkbox"/>

APPOINTED BY



**Land Transport NZ**  
Ikiiki Whenua Aotearoa

C654126

It is the owner's responsibility to maintain the vehicle in warrantable condition. Land Transport NZ reserves the right to recheck any vehicle following an inspection. Rerechecks must take place within 28 days of the original inspection. After this time a new inspection must be carried out and a new fee paid



## TAX INVOICE

LYNN ROGERS AUTOMOTIVE  
112 VINCENT STREET  
HOWICK AUCKLAND  
Phone : 09 5343363

RDY McLEISH

Date : 22/09/20  
GST No : 46-282-760  
Account :  
Invoice : 367  
Order # : MGB

Description	Quantity	Rate	Total
PORT AND POLISH CYLINDER HEAD	1.00	600.00	600.00
OVERHAUL HEAD,	1.00	280.00	280.00
MACHINE AND FIT K LINERS	8.00	12.00	96.00
MACHINE AND FIT INSERTS	1.00	240.00	240.00
HARDENED VALVE SEAT INSERTS	8.00	12.50	100.00
INLET VALVE	4.00	60.00	240.00
EXHAUST VALVE	4.00	60.00	240.00
HEAD CASTING	1.00	100.00	100.00
RETAINERS	1.00	80.00	80.00
VALVE SPRINGS	1.00	150.00	150.00
LOCAL FREIGHT	1.00	5.95	5.95
MACHINE BLOCK FOR EXHAUST VALVES	4.00	60.00	240.00
CRACK TEST BLOCK, DRILL AND GRIND TO LIMIT CRACK SPREADING	1.00	60.00	60.00



GST Exclusive : 2431.95  
GST : 303.99  
Total : 2735.94

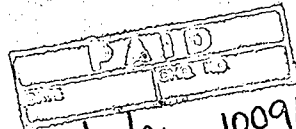
## TAX INVOICE

LYNN ROGERS AUTOMOTIVE  
112 VINCENT STREET  
HOWICK AUCKLAND  
Phone : 09 5343363

RDY McLEISH

Date : 22/09/20  
GST No : 46-282-760  
Account :  
Invoice : 3671  
Order # : MGB

Description	Quantity	Rate	Total
PORT AND POLISH CYLINDER HEAD	1.00	600.00	600.00
OVERHAUL HEAD,	1.00	280.00	280.00
MACHINE AND FIT K LINERS	8.00	12.00	96.00
MACHINE AND FIT INSERTS	1.00	240.00	240.00
HARDENED VALVE SEAT INSERTS	8.00	12.50	100.00
INLET VALVE	4.00	60.00	240.00
EXHAUST VALVE	4.00	60.00	240.00
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22/9/04 100949

GST Exclusive : 2431.95  
GST : 303.99  
Total : 2735.94



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*Limited*

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New Zealand  
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Email: fenwickdon@extra.co.nz  
Don's Mobile: 0274 843 348

**CUSTOMER**

Rory McLeish  
98 Smith Road  
R.D.2  
Waiuku 1852

**TAX INVOICE/STATEMENT No. 534**

GST NO. 85-233-084

DATE OF INV. 4<sup>th</sup> October 2004

MGBGT - GT1618  
Mileage 82289

Page 1 of 3

30.08.04  
Building up engine 8 hrs

31.08.04  
Timing camshaft  
Assembling engine 8 hrs

01.09.04  
Assembling engine and fitting 8 hrs

02.09.04  
Fitting engine short block 5 hrs

06.09.04  
Bleeding brakes with Elf brake fluid  
Change diff oil  
Fit radiator 3 hrs\*

23.09.04  
Making ex. Manifold and inlet manifold.  
Fit cylinder head.  
Make acc. cable mounting.  
Fit 2<sup>nd</sup> carb return spring.  
Fit cylinder head to motor. 5 hrs  
Fitting Halda sensor to speedo cable. 3 hrs\*



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Waiuku 1852

**TAX INVOICE/STATEMENT No. 534**

GST NO. 85-233-084

DATE OF INV. 4<sup>th</sup> October 2004

MGBGT - GT1618  
Mileage 82289

Page 1 of 3

30.08.04

Building up engine 8 hrs

31.08.04

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Assembling engine 8 hrs

01.09.04

Assembling engine and fitting 8 hrs

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Fitting engine short block 5 hrs

06.09.04

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Fit radiator 3 hrs\*

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Fit cylinder head.  
Make acc. cable mounting.  
Fit 2<sup>nd</sup> carb return spring.  
Fit cylinder head to motor. 5 hrs  
Fitting Halda sensor to speedo cable. 3 hrs\*

- 1x Head gasket set	\$ 26.93	
1x radiator hose Top,	\$ 24.69	
1x Bottom Radiator Hose	\$ 34.13	
- Head Gasket Set	\$ 26.93	
Freight and Packing	\$ 6.00	
Mintex Race DB810-M1166 MGB Front	\$181.50	
Pagid Shoes L1012-RA MGB Rear	\$138.50	
1x 8 Lobes-Perf M72 ex Scatter	\$ 86.00	
Heat Treat Camshaft	\$ 40.00	
Supply Vernier Gear Set	\$160.00	
Cam Follower reface	\$ 48.00	
Radiator Cap	\$ 6.60	
Make Accelerator Cable	\$ 94.95	
Fuel Filter	\$ 6.60	
Fuel hose	\$ 14.07	
Welding up of throttle linkage	\$ 33.75	
1x 3/16 S/S Dome Nuts	\$ 1.26	
Throttle cable spindle	\$ 18.50	
Alternator & plug plus rectify wiring		
To volt stabilizer	\$189.67	
Exhaust system	\$280.00	
Dyno check and tune motor	\$400.00	
4x spark plugs	\$ 16.00	
Warrant of Fitness	\$ 42.00	
5 litre engine oil	\$ 24.00	
1 litre xT3167 Brake fluid	\$ 75.00	
Diff. oil	\$ 15.00	
Fuel regulator	\$105.90	
Fuel pump hose fittings	\$ 50.00	
Fuel pump	\$210.50	
1 x litre Glacelf	\$ 10.00	
1 x breather tank	\$163.00	
Breather hose & bolts	\$ 6.10	
<b>TOTAL PARTS</b>		<b>\$2771.11</b>

Sub Total	\$4151.11
GST	\$ 518.89
<b>TOTAL</b>	<b>\$4670.00</b>

*+\$20 FUEL*

*Paul cost  
1830.00 Dollars.  
6-10-04*

- 1x Head gasket set	\$ 26.93	
1x radiator hose Top,	\$ 24.69	
1x Bottom Radiator Hose	\$ 34.13	
- Head Gasket Set	\$ 26.93	
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Mintex Race DB810-M1166 MGB Front	\$181.50	
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Throttle cable spindle	\$ 18.50	
Alternator & plug plus rectify wiring		
To volt stabilizer	\$189.67	
Exhaust system	\$280.00	
Dyno check and tune motor	\$400.00	
4x spark plugs	\$ 16.00	
Warrant of Fitness	\$ 42.00	
5 litre engine oil	\$ 24.00	
1 litre xT3167 Brake fluid	\$ 75.00	
Diff. oil	\$ 15.00	
Fuel regulator	\$105.90	
Fuel pump hose fittings	\$ 50.00	
Fuel pump	\$210.50	
1 x litre Glacelf	\$ 10.00	
1 x breather tank	\$163.00	
Breather hose & bolts	\$ 6.10	
<b>TOTAL PARTS</b>		<b>\$2771.11</b>

Sub Total	\$4151.11
GST	\$ 518.89
<b>TOTAL</b>	<b>\$4670.00</b>

*+\$20 FUEL.*

*Paul Cook*  
*71830-20 Dollars.*  
*6-10-04*



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**CUSTOMER**

Rory McLeish  
98 Smith Road  
R.D.2  
Waiuku 1852

**TAX INVOICE/STATEMENT No. 541**

GST NO. 85-233-084

DATE OF INV. 16th October 2004

MGBGT - GT1618

Change engine oil and filter  
Re-torque cylinder head  
Recheck valve clearances

Engine Oil GTX	\$19.00
Gearbox oil	\$ 9.50
Oil Filter	\$ 8.19
½ litre Brake Fluid	\$37.50

Fit prop shaft rear universal joint	\$40.00
-------------------------------------	---------

Sub Total	\$114.19
GST	\$ 4.27
<b>TOTAL</b>	<b>\$128.46</b>



***Historic Rally Preparation  
Limited***

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R.D.2  
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**TAX INVOICE/STATEMENT No. 541**

**GST NO. 85-233-084**

**DATE OF INV. 16th October 2004**

**MGBGT - GT1618**

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Re-torque cylinder head  
Recheck valve clearances

Engine Oil GTX	\$19.00
Gearbox oil	\$ 9.50
Oil Filter	\$ 8.19
½ litre Brake Fluid	\$37.50
 Fit prop shaft rear universal joint	 \$40.00

Sub Total	\$114.19
GST	\$ 4.27
<b>TOTAL</b>	<b>\$128.46</b>

24.09.04			
Fitting bonnet pins	2 hrs*		
28.09.04			
Remove and replace faulty alternator	1 hr*		
04.10.04			
Fit fuel pump and fuel pressure regulator	3 hrs*		
TOTAL LABOUR	46 hrs @ \$30		\$1380.00
PARTS			
3x 6x20 HT Bolts	\$ 0.66		
3x 1/4x3/4 Flat Washers	\$ 0.30		
3x 7/16x2-1/2 G5 bolts	\$ 5.04		
2x 7/16 Fender Washers	\$ 0.32		
2x spacing washer	\$ 1.50		
1x G5 bolt	\$ 0.89		
3x G8 Bolt	\$ 4.23		
3 x Spring Washer	\$ 0.34		
2 x Dowty washers	\$ 2.68		
3x H/T bolts	\$ 0.66		
6x G5 H/T Bolts	\$ 2.34		
6 x spring washers	\$ 0.48		
3 x spring washers	\$ 0.21		
1x G5 H/T bolt	\$ 0.88		
4 x G5 Bolt	\$ 3.56		
4 x spring washer	\$ 0.32		
1 x Oil Filter	\$ 8.19		
1x Oil Pressure gauge flexible hose	\$ 24.13		
1x Oil Filter mounting O-ring seal	\$ 1.99		
1x Flywheel lock tab	\$ 6.23		
1x Crankshaft pulley lock tab	\$ 1.58		
1 x Front cover oil seal	\$ 5.37		
1x Rear crank seal - fitted to 5 brg engine	\$ 10.57		
1x Rear seal retainer/lock tab 5 brg engine	\$ 7.06		
1x thermostat 82C std	\$ 12.46		
1x Throttle cable, 62-74	\$ 13.59		
1x Water pump, cast iron, MGB 72	\$ 95.79		
2x Heater Hose (long)	\$ 24.16		

Cont.....

24.09.04			
Fitting bonnet pins	2 hrs*		
28.09.04			
Remove and replace faulty alternator	1 hr*		
04.10.04			
Fit fuel pump and fuel pressure regulator	3 hrs*		
TOTAL LABOUR	46 hrs @ \$30		\$1380.00
PARTS			
3x 6x20 HT Bolts	\$ 0.66		
3x 1/4x3/4 Flat Washers	\$ 0.30		
3x 7/16x2-1/2 G5 bolts	\$ 5.04		
2x 7/16 Fender Washers	\$ 0.32		
2x spacing washer	\$ 1.50		
1x G5 bolt	\$ 0.89		
3x G8 Bolt	\$ 4.23		
3 x Spring Washer	\$ 0.34		
2 x Dowty washers	\$ 2.68		
3x H/T bolts	\$ 0.66		
6x G5 H/T Bolts	\$ 2.34		
6 x spring washers	\$ 0.48		
3 x spring washers	\$ 0.21		
1x G5 H/T bolt	\$ 0.88		
4 x G5 Bolt	\$ 3.56		
4 x spring washer	\$ 0.32		
1 x Oil Filter	\$ 8.19		
1x Oil Pressure gauge flexible hose	\$ 24.13		
1x Oil Filter mounting O-ring seal	\$ 1.99		
1x Flywheel lock tab	\$ 6.23		
1x Crankshaft pulley lock tab	\$ 1.58		
1 x Front cover oil seal	\$ 5.37		
1x Rear crank seal - fitted to 5 brg engine	\$ 10.57		
1x Rear seal retainer/lock tab 5 brg engine	\$ 7.06		
1x thermostat 82C std	\$ 12.46		
1x Throttle cable, 62-74	\$ 13.59		
1x Water pump, cast iron, MGB 72	\$ 95.79		
2x Heater Hose (long)	\$ 24.16		

Cont.....

## ROLL PROTECTION HOMOLOGATION APPLICATION FORM

Homologation valid from: 21 JUN 2004

This application must be completed in full using **BLOCK CAPITALS** and submitted to the MotorSport New Zealand Office with the Vehicle Logbook. This document is not valid until each page bears a MotorSport New Zealand stamp.

### SECTION ONE

#### VEHICLE DETAILS

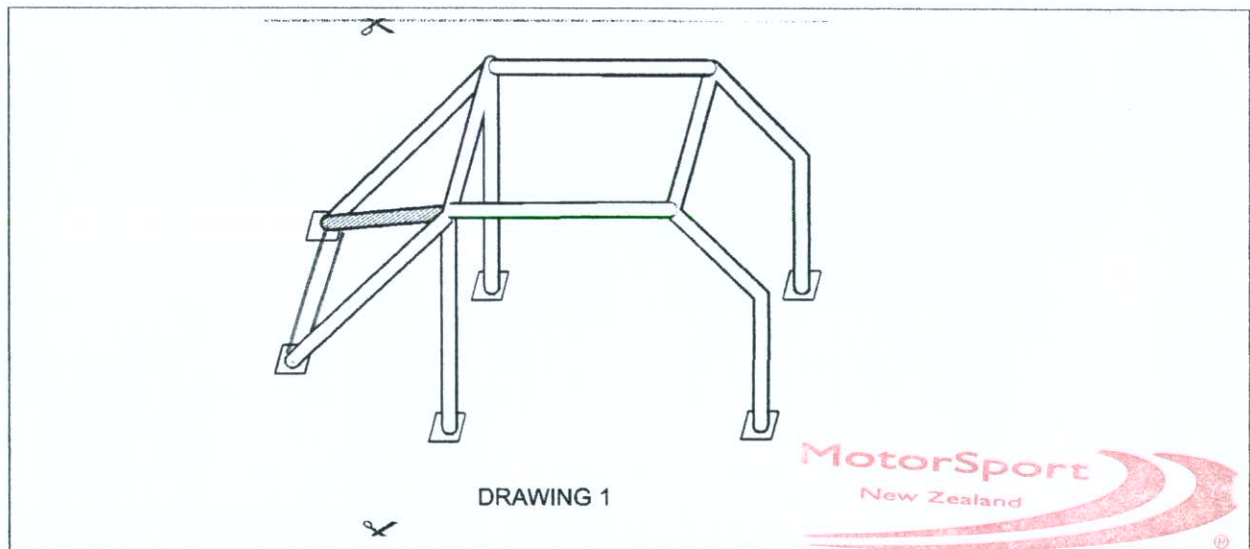
Make: MG Model: MG BT  
Chassis No: GHD 534 1461 G Registration No: GT 1618 Logbook No: 10534

#### PRESENT OWNERSHIP DETAILS

Name of Owner: RORY MCLEISH Day-time Telephone: (09) 533 7493  
Full Address: 98 SMITH ROAD RD2 WAIKUKU

### SECTION TWO

#### ROLLBAR / ROLLAGE DETAILS



General Layout

### SECTION THREE

#### MANUFACTURER

Company Name: DOUG CROOK FABRICATION  
Day-time Phone No.: (02) 835214 Day-time Fax No.: (09) 2360120  
Address: RAZORBACK RD RD 1 BOMBAY AUCIL

I/We the undersigned, certify that the rollbar/rollcage, as detailed in this application, has been manufactured and installed in accordance with the requirements of Schedule A as defined in the current MotorSport manual or Schedule JS (applicable to Groups N and A vehicles) published as a separate schedule.

Name: DOUG CROOK Signature: [Signature]  
Position in Company: SELF Qualifications: FITTER + TURNER

## ROLL PROTECTION HOMOLOGATION APPLICATION FORM

Homologation valid from: **21 JUN 2004**

This application must be completed in full using **BLOCK CAPITALS** and submitted to the MotorSport New Zealand Office with the Vehicle Logbook. This document is not valid until each page bears a MotorSport New Zealand stamp.

### SECTION ONE

#### VEHICLE DETAILS

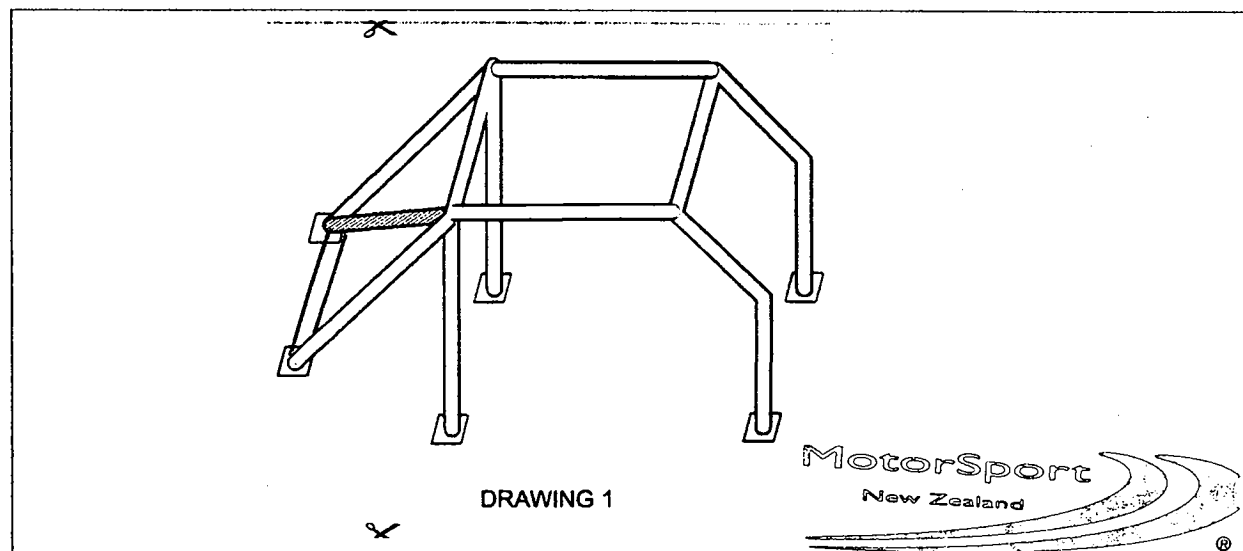
Make: **MG** Model: **MG BT**  
Chassis No: **GHD 53414615** Registration No: **ET1618** Logbook No: **10534**

#### PRESENT OWNERSHIP DETAILS

Name of Owner: **RORY MCLEISH** Day-time Telephone: **(09) 5337493**  
Full Address: **98 SMITH ROAD RD2 WAIKUKU**

### SECTION TWO

#### ROLLBAR / ROLLCAGE DETAILS



General Layout

### SECTION THREE

#### MANUFACTURER

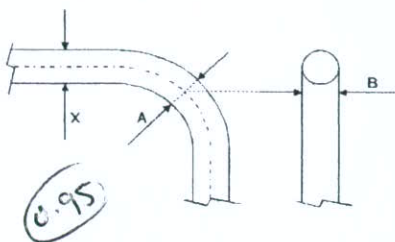
Company Name: **DOUG CROOK FABRICATION**  
Day-time Phone No.: **(025) 835214** Day-time Fax No.: **(09) 2360120**  
Address: **RAZORBACK RD RD 1 BOMBAY AUCIL**

I/We the undersigned, certify that the rollbar/rollcage, as detailed in this application, has been manufactured and installed in accordance with the requirements of Schedule A as defined in the current MotorSport manual or Schedule JS (applicable to Groups N and A vehicles) published as a separate schedule.

Name: **DOUG CROOK** Signature: *[Signature]*  
Position in Company: **SELF** Qualifications: **FITTER & TURNER**

**SECTION FOUR****TUBE BENDS**

Measurements



Main Rollbar

Front Rollbar

Original Size: X = 38.1 mm

X = 38.1 mm

Reduction: A = 36.4 mm

A = 36.6 mm

Expansion: B = 38.1 mm

B = 38.1 mm

**SECTION FIVE****WELDING**

Method: MIG / TIG / Other (specify) .....

Wire / Electrode Type and Size: P2 6000 #8 .....

TUBING	Material Descriptions	Standards	Outside Diameter	Wall Thickness	Yield Strength	Tensile Strength
Main rollbar	SOUTHWARD TUBE		38.1 mm	2.5 mm	250 MPa	350 MPa
Lateral rollbar or Front rollbar	SOUTHWARD TUBE		38.1 mm	2.5 mm	250 MPa	350 MPa
Other tubes	SOUTHWARD TUBE		38.1 mm	2.5 mm	250 MPa	350 MPa

**SECTION SIX****REMOVABLE MEMBERS**
☐  
☐

None fitted

Removable members fitted (as follows):

☐  
☐  
☐  
☐  
☐

Back stays

Diagonal members

Main rollbar to front rollbar connecting members

Side intrusion bars

Other (please specify) .....

Joint Drawing Numbers  
from current MotorSport ManualPhotograph No  
From SECTION NINE

.....

.....

.....

.....

.....

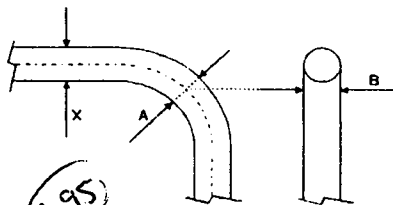
.....

**FASTENERS**

Member	Number of Fasteners	Size	Grade	Locking Method

**SECTION FOUR****TUBE BENDS**

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Main Rollbar

Front Rollbar

Original Size: X = 38.1 mm

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Expansion: B = 38.1 mm

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Removable members fitted (as follows):

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Back stays

Diagonal members

Main rollbar to front rollbar connecting members

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Other (please specify) .....

Joint Drawing Numbers  
from current MotorSport ManualPhotograph No  
From SECTION NINE

**FASTENERS**

Member	Number of Fasteners	Size	Grade	Locking Method

**SECTION SEVEN****ATTACHMENT TO BODY SHELL**

	Main Rollbar Legs	Back stays	Front Legs	Diagonals (see drawing 253-5)
Type (delete as applicable)	Bolted / <u>Welded</u>	Bolted / <u>Welded</u>	Bolted / <u>Welded</u>	Bolted / Welded
Bodyshell Reinforcement Plate	Material <u>MILD STEEL</u>	Material <u>MILD STEEL</u>	Material <u>MILD STEEL</u>	Material
	Thickness <u>3</u> mm	Thickness <u>3</u> mm	Thickness <u>3</u> mm	Thickness ..... mm
	Area <u>154</u> cm <sup>2</sup>	Area <u>125</u> cm <sup>2</sup>	Area <u>120</u> cm <sup>2</sup>	Area ..... cm <sup>2</sup>
Rollbar Mounting Foot	Material	Material	Material	Material
	Thickness ..... mm	Thickness ..... mm	Thickness ..... mm	Thickness ..... mm
	Area ..... cm <sup>2</sup>	Area ..... cm <sup>2</sup>	Area ..... cm <sup>2</sup>	Area ..... cm <sup>2</sup>
NB: Generally only applicable when roll protection is removable				
Mounting Bolts	Size .....	Size .....	Size .....	Size .....
	Grade .....	Grade .....	Grade .....	Grade .....
	Number .....	Number .....	Number .....	Number .....
	Locking method:	Locking method:	Locking method:	Locking method:

**SECTION EIGHT****DECLARATION**

(to be completed by a Technical Officer or Technical Advisor – contact the MotorSport Office for details)

This section only applies to roll protection applications that involve existing roll protection structures not previously homologated by MSNZ, having construction data unavailable to complete this application in full.

I **DECLARE** that the Roll Protection structure described on this form;

- (a) has been inspected by myself and is in compliance with the current requirements laid down in Schedule A and/or Schedule JS;
- (b) is in an acceptable condition;
- (c) does not impede the operation of any mandatory controls; and
- (d) does not unreasonably hinder the entry or exit of the vehicle.



In addition, I declare that all details of the Roll Protection design, including joints, mountings and attachments are also in conformity with the strength requirements contained within the stated regulations.

Name ..... License No .....

Qualifications .....

Signature ..... Date .....

Name of firm (if applicable) .....

Address .....

Telephone Number ( .... ) ..... Fax Number ( .... ) .....

**SECTION SEVEN****ATTACHMENT TO BODY SHELL**

	Main Rollbar Legs	Back stays	Front Legs	Diagonals (see drawing 253-5)
Type (delete as applicable)	Bolted / <u>Welded</u>	Bolted / <u>Welded</u>	Bolted / <u>Welded</u>	Bolted / Welded
Bodyshell Reinforcement Plate	Material <u>MILD STEEL</u>	Material <u>MILD STEEL</u>	Material <u>MILD STEEL</u>	Material
	Thickness <u>3</u> mm	Thickness <u>3</u> mm	Thickness <u>3</u> mm	Thickness ..... mm
	Area <u>154</u> cm <sup>2</sup>	Area <u>125</u> cm <sup>2</sup>	Area <u>120</u> cm <sup>2</sup>	Area ..... cm <sup>2</sup>
Rollbar Mounting Foot	Material	Material	Material	Material
	Thickness ..... mm	Thickness ..... mm	Thickness ..... mm	Thickness ..... mm
	Area ..... cm <sup>2</sup>	Area ..... cm <sup>2</sup>	Area ..... cm <sup>2</sup>	Area ..... cm <sup>2</sup>
NB: Generally only applicable when roll protection is removable				
Mounting Bolts	Size .....	Size .....	Size .....	Size .....
	Grade .....	Grade .....	Grade .....	Grade .....
	Number .....	Number .....	Number .....	Number .....
	Locking method:	Locking method:	Locking method:	Locking method:

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Name ..... License No .....

Qualifications .....

Signature ..... Date .....

Name of firm (if applicable) .....

Address .....

Telephone Number ( .... ) ..... Fax Number ( .... ) .....

# Collett's Panel & Paint

43 Shakespeare Street — Leamington — Cambridge  
Phone 07 827 6458



Sports Car  
Specialists

M. Rory Mcleish  
P.O. Box 67146  
Mt Eden Auckland

1126

PANEL BEATING — SPRAY PAINTING — REBUILDS

GST No 15-710-373

7/10/98	M.G.B.G.T ST1618		
	Cut out rust in Car. Supply & weld new panels. Remove bumpers & fittings. Undercoat & repaint Car. Replace bumpers & fittings. Polish paintwork.		3900.00
	Supply 1x L/H door skin		110.00
	1x R/H door skin		110.00
	1x L/H Front fender panel		105.00
	1x L/H $\frac{1}{4}$ panel		60.00
	1x R/H outer sill		145.00
	1x R/H $\frac{1}{4}$ panel		60.00
	1x pair door mirrors		110.00
	1x pair new lens		44.00
	rechrome Front bumper		145.00
	" " rear bumper		145.00
	" " 4 Overriders @ 40.00 ea		160.00
	extras repair rust in door frame		90.00
	1x set side mouldings & buttons		155.00
	Freight & Tolls		11.00
			5350.00
		G.S.T	668.75
		total	6018.75
	paid 2000.00		
	balance		4018.75
	discount for prompt payment 350.00		3718.75

## TAX INVOICE/STATEMENT

## Collett's Panel &amp; Paint

43 Shakespeare Street — Leamington — Cambridge  
Phone 07 827 6458Sports Car  
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	1x L/H Front Sound panel		105.00
	1x L/H $\frac{1}{4}$ panel		60.00
	1x R/H outer sill		145.00
	1x R/H $\frac{1}{4}$ panel		60.00
	1x pair door mirrors		110.00
	1x pair new lens		44.00
	rechrome Front bumper		145.00
	" " rear bumper		145.00
	" " 4 Overriders @ 40.00 ea		160.00
	extras repair rust in door frame		90.00
	1x set side mouldings & buttons		155.00
	Freight & Tolls		11.00
			5350.00
			6018.75
	paid 2000.00		
	balance		4018.75
	discount for prompt payment 350.00		3718.75

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43 Shakespeare Street — Leamington — Cambridge  
Phone 07 827 6458



Sports Car  
Specialists

M Rory Mcleish  
P.O. Box 67146  
Mt Eden Auckland

1087

PANEL BEATING — SPRAY PAINTING — REBUILDS

GST No 15-710-373

3/7/98  
3/8/98  
deposit on Panel & Paint Job

S.S.T  
Total

1778.00

222.00

2000.00

paid 1000.00 balance

1000.00

Thank you

Regards  
G/aeing

Hi Rory,  
The Job is going well.  
I have stripped all fittings from  
body & have new door skins  
fitted.

G/aeing

# Collett's Panel & Paint

43 Shakespeare Street — Leamington — Cambridge  
Phone 07 827 6458



Sports Car  
Specialists

M Rory Mcleish  
P.O. Box 67146  
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1087

PANEL BEATING — SPRAY PAINTING — REBUILDS

GST No 15-710-373

3/7/98

3/8/98

deposit on Panel & Paint Job

S.G.T  
Total

1778.00

222.00

2000.00

paid 1000.00 balance

1000.00

Thankyou

Regards  
G/aeamg

Hi Rory, The Job is going well.  
I have stripped all fittings from  
body & have new door skins  
fitted.

G/aeamg

# PAUL STOCKMAN MOTORS

Phone : (09) 579-7169  
 Fax : (09) 525-5889  
 GST No: 34-968-250

173 MARUA ROAD  
 PO BOX 11032 ELLERSLIE.  
 AUCKLAND

## TAX INVOICE

Date : November 8, 1999

WORKSHOP 10139-1

### Vehicle Details :

RORY MCLEISH  
 132C MARUA ROAD  
 ELLERSLIE  
 AUCKLAND

GT1618 GT  
 MGBGT  
 VIC:: G23D073868  
 Meter: 75695  
 Cus: MCLEISH Ord:

CARRY OUT WARRANT REPAIRS.

HANDBRAKE .

KINGPINS.

REMOVE KINGPIN ASSEMBLIES AND STRIP, FIT NEW KIT AND SEND TO BE REEMED, CLEAN ALL PARTS AND REASSMBLE.

REMOVE ALL WHEELS AND CLEAN REAR SHOES, FIT NEW WHEEL CYLINDERS.

MACHINE FRONT DISCS AND FIT NEW PADS. BLEED ALL BRAKE FLUID

CHECK TUNE, ADJUST CARBS, SET TIMING.

UNTILL CLEAN.

MATS	FRONT BRAKE PADS	1.00	49.08	49.08	49.08
MATS	REAR WHEEL CYLINDERS	2.00	31.00	31.00	62.00
FREIGHT	FREIGHT	1.00	6.00	6.00	6.00
MATS	DISC GRIND	1.00	50.00	50.00	50.00
BF20	BRAKE FLUID	1.00	11.60	11.60	11.60
MARK	Labour - MARK COCKBURN	2.00	45.00	45.00	90.00
MATS	SET OF KING PINS , BUSHES	1.00	250.00	250.00	250.00
MATS	MARUA ENGINEERING	1.00	80.00	80.00	80.00
PETER	Labour - PETER WHEATON	10.00	45.00	45.00	450.00

NOTE.MARUA ENGINEERING CHARGED,\$160.00 FOR REEMING,WHICH WE HALFED.

Continued on Page 2

Page : 1

Printed : 8/11/99 11.04AM

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MARK	Labour - MARK COCKBURN	2.00	45.00	45.00	90.00
MATS	SET OF KING PINS , BUSHES	1.00	250.00	250.00	250.00
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Continued on Page 2

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