



ACTUAL 100% INSTRUCTIONS **GIVEN TO CHINESE BUYERS OF THE NEW MGTF (in China)**



Ling's crash course!

Helpfully SAIC publish in English (kind-of). That looks sophisticated in China! Like the Big Ben pic, below.
 If you are slightly dim British customer, you may find tips useful to apply to YOUR driving. Enjoy!

Saloon Car Operation and Energy Conservation *"Grasp the correct way of driving"*



Correct start

The engine should be started according to the air temperature and the engine temperature.

(1) It is relatively simple to start the fuel-injection petrol engine and there is no need to step on the gas, as it is controlled by the opening of the air throttle and the fuel feed and rich mixture are controlled by the fuel-injection system automatically, which results in better power, economical efficiency and acceleration capability.

(2) Cold-starting: in the low temperature, it is often difficult to start the engine owing to the increased rotational resistance of the crank shaft, poor fuel spreading, further assembly wear and low working capacity of the battery.

(3) Hot-starting: usually, the engine should be warmed up after cold starting and be started when the water temperature reaches 60° in order to ensure normal oil viscosity, adequate vaporization of gasoline and reduce the engine wear.

While some special models could be started right away after ignition instead of requiring low-speed operation for heating up owing to the powerful engine (the lubricating system and cooling system can work normally only at high rotation speed), and the engine is required to be at the idle speed for 30-60 seconds only when the temperature is very low.

Keep a reasonable driving speed

(1) The higher the rotation speed, the higher power and utilization rate and the lower unit consumption of oil, so the oil consumption is high when the cars run at a low speed.

The oil consumption is also high when the cars run at a too high speed, as it increases along with the running speed after exceeding the rotation speed with lowest oil consumption, thus it goes against oil conservation to drive too fast or too slowly.

(2) To achieve the economic speed, the drivers should make full use of the engine speed indicator and speed meter and increase or decrease the gas opening to make the engine work at the 30-70% rotation speed.

(3) Abrupt acceleration and deceleration should be avoided. Abrupt acceleration consumes another 1/3 of fuel oil as compared with stable acceleration, thus abrupt acceleration and deceleration should be avoided in order to save fuel.

(4) Make full use of the car and reduce unnecessary braking. The drivers should pay attention to the road blocks and reduce the oil consumption by replacing braking with sliding, as one hard cutoff and start will consume gasoline of about 35ml.

(5) Make use of the cruising device correctly. The patrolling control device should be utilized to stabilize the cars and achieve the best oil conservation effect when driving on sound road surface and uncomplicated road sections.

(6) Make sensible use of the air conditioning system. When the driving speed is less than 85km/h, the air conditioner system could be turned off and the windows could be opened for ventilation; when it is more than 85km/h, the air conditioner system should be started, as the fuel consumed by the increased wind resistance resulted from window opening during high-speed running is more than that consumed by the air conditioner system.

(7) Make use of the car meters. Observe each meter indications at any moment and keep the economic rotation speed as required in order to save fuel.

(8) To keep the car clean and tidy. Lower the car weight by taking out the any unnecessary articles in the car, also remove any the mud around the wheel arches.

...continued overleaf



... I eat Dragons for breakfast!

Avoid bad steering habits

1. Sensibly race the engine

Before starting your car in the early morning, especially before cold starting, it is necessary to warm up the car. Usually, when the car is warmed up at idle speed, you may start the car when the water temperature pointer rises a little and the engine speed is stable. After you have driven for a few minutes at the low rotation speed, you may drive in the general way after the water temperature reaches the point specified. Some users keep the car engines in idle running when they park for a short time, which may pollute the air and consume energy (about 70cc gasoline is consumed when idling of a small engine for 5 minutes, and about 0.5 liter of gasoline would be burnt out in a half hour).

2. Don't step on the gas when pressing down the clutch fully

It is a habit of some drivers to step on the gas when toeing on the clutch fully after hot starting or before each starting or before the engine stops. It is also common when driving on crowded roads in order to warn the pedestrians who fail to observe the traffic rules, while it is not suitable at all. In doing so, not only the main fuel feeding works, but also the enrichment system and accelerating unit works by providing extra fuel. It is estimated that about 3-5ml fuel would be consumed by stepping on the gas once, and the thickened mixed gas may generate hazardous substances to pollute the environment owing to incomplete combustion.

3. The simple cycling of "accelerating-braking-accelerating" is inadvisable

The beginners and irritable drivers depend on braking too much instead of prejudging the traffic condition, and operate in the cycle of accelerating-braking-accelerating. Braking is applied on many unnecessary occasions, which may cause quite a few problems...

(1) It may cause excessive wear of the brake system and tyre, (2) It may degrade the power and economical efficiency of the cars as the kinetic energy and inertia force of the cars can't be developed, (3) More fuel would be consumed.

Grasp the opportunity of gear shifting

(1) it is the idea of a good few people that the cars with manual gear shifting consume less oil, but it is not the case, as it depends on whether the drivers grasp the opportunity of gear shifting or not. In addition, the acceleration quality may be affected in order to save gasoline, and this is true for both cars with manual gear shifting and those with automatic gear shifting. It is the key to balance the gasoline saving and acceleration quality.

(2) Some people like pulling the rotation speed to the red line edge when the first gear is applied, and the powerful engine sound would satisfy them, but the terminal acceleration quality is not the best here and sustainable acceleration could be achieved when shifting to a higher gear when the rotation rate reaches the peak value of the twisting force.

(3) The rotation rates for achieving the peak value of torque are different for different engines, and it is 4000rpm or 5000rpm. In other words, the cars whose rotation rate is lower when achieving the peak value of torque have a better acceleration performance when running at low or medium speed in theory. You could know the torque pay attention to the introduction of the maximum torque when you buy car.

(4) It is easy to knock the engine when shift the gear earlier for cars with manual gear shifting, and late gear shifting may also waste gasoline and fail to achieve the acceleration performance. You should shift the gear immediately when the peak value of twisting force appears during acceleration, while you may skip to a lower gear when decelerating the cars instead of following the sequence of four, three, and two, in order to save oil and keep the cars powerful.



Don't drive out of gear

The engines would suffer abnormal wear and the gear on the chassis would suffer abnormal bumping when driving out of gear as the engine capacity now is huge and the running speed is fast. By driving out of gear, you are reducing the life of your cars instead of saving oil.

Don't step on the clutch all along

(1) Remove your foot from the clutch except when starting, parking and gear shifting, as it may accelerate the wear of the friction plate by placing the clutch in the wheel spinning state, which will consume more oil and even cause wear of the clutch compressing disc sometimes. Slipping the clutch should not be used to control the driving speed, as the cars may be out of control. In particular, it is like sliding out of gear when you step down the clutch pedal when braking at a high speed.

(2) The correct operation of the clutch is as follows: Press down the clutch pedal quickly upon starting, then release the pedal quickly and slow it when the clutch bites until complete binding; upon gear shifting, the clutch pedal should be step to the end, otherwise, it may accelerate the wear of the clutch and gear box and consume more fuel.

Avoid emergency braking

During the driving, you should avoid speeding, quick turning, and hard braking; load your car as required to avoid excessive loading; choose better road surface and avoid the barriers, in order to lengthen the service life of tyre. It has been proved by tests that hard braking on normal road surfaces at a moderate driving speed may cause partial wear of tyre surface by 0.91- 1.20mm, which is equal to the wear resulting from normal driving of 3000km.



**OFFICIAL advice from the Chinese MG Website!
This is why Chinese drivers are the World's best!☺**

- Ling