

# MG4 Trophy

(2023, R40 software)

## A guide

Version 2.0

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### Contents

Introduction.....	1
Disclaimers .....	1
The computer.....	1
This guide .....	1
Other help .....	2
1 Screen, controls and manuals .....	3
1.1 The screens.....	3
1.1.1 Two physical screens .....	3
1.1.2 Access to other infotainment screens .....	3
1.2 Physical Controls .....	3
1.3 The manuals.....	4
1.4 Use of a smartphone .....	4
2 How do I unlock and lock the car? .....	5
2.1 The basics .....	5
2.1.1 Unlocking the car (U160).....	5
2.1.2 Unlocking the boot lid (tailgate) (U164) .....	5
2.1.3 Locking the car (U160) .....	5
2.1.4 Locking the boot lid .....	6
2.1.5 Opening and closing the bonnet (U287) .....	6
2.1.6 Keys left in the car ((U162).....	6
2.2 Additional features .....	6
2.2.1 Finding the car (U244).....	6
2.2.2 Child-proof locks .....	6
2.2.3 Locking and unlocking from the inside (U163) .....	6
2.2.4 Doors to be unlocked .....	6
3 How do I start and stop the car? .....	8
3.1 Basics.....	8
3.1.1 Starting the car (U166, U191).....	8
3.1.2 Stopping the car (U198) .....	8
3.2 Extra features .....	9
3.2.1 Powering down (U167).....	9
3.2.2 Regenerative braking (U194). .....	9
3.2.3 Autohold (U203) .....	9
3.2.4 MG Pilot features .....	9
4 How do I drive the car? .....	10
4.1 Basics.....	10
4.1.1 Driving modes (U193) .....	10

## MG4 Trophy - Contents

---

4.1.2	Speed sign recognition (U220) .....	10
4.1.3	Safety features .....	10
4.2	Extra features .....	10
4.2.1	Driving mode settings – Custom mode .....	10
4.2.2	One pedal driving (U197) .....	11
4.2.3	Energy Saving Mode (U195) .....	11
4.3	MG ‘Pilot’ features .....	11
4.3.1	Intelligent High Beam Control (U51). .....	11
4.3.2	Adaptive Cruise Control (U208).....	11
4.3.3	Traffic Jam Assist (U230) .....	12
4.3.4	Manual and Intelligent Speed Limit Assist (U222) .....	12
4.3.5	Lane Departure Warning and Lane Keep Assist (U227). .....	12
4.3.6	Active Emergency Braking (AEB) (U234). .....	13
4.3.7	Lane Change Assist LCA (U240).....	13
4.3.8	Blind Spot Detection BSD (U240).....	13
4.3.9	Rear Cross Traffic Alert RCTA (U243) .....	13
4.3.10	Rear Cross Traffic Braking RCTB (U243).....	13
4.3.11	Rear collision warning (U245) .....	13
4.3.12	Door opening warning (U246) .....	14
4.3.13	Towing mode (U250).....	14
4.3.14	Driver alert warning (U79) .....	14
4.3.15	Stability Control.....	14
5	How do I operate the accessories? .....	15
5.1	Basics.....	15
5.1.1	Steering wheel (U63).....	15
5.1.2	Windows (U75).....	15
5.1.3	Lights (U51) .....	15
5.1.4	Door mirrors (U70) .....	16
5.1.5	Indicators (U57).....	16
5.1.6	Front wipers and washers (U59) .....	16
5.1.7	Rear wiper (U61).....	16
5.1.8	Rear view mirror (U72) .....	16
5.1.9	Interior lights (U78).....	17
5.2	Extra features .....	17
5.2.1	Emergency call – eCall SOS service (U259 & E101).....	17
5.2.2	Voice Command.....	17
6	How do I navigate? .....	18
6.1	Basic.....	18

## MG4 Trophy - Contents

---

6.1.1	Setting up 'Favourites' .....	18
6.1.2	Setting a route .....	19
6.1.3	Adding intermediate stops (E56) .....	19
6.1.4	Editing Favourites .....	19
6.2	Extra features .....	20
6.2.1	Voice command (E43).....	20
6.2.2	See traffic events (E50) .....	20
6.2.3	See the range available (E69) .....	20
6.2.4	Map options and settings (E60) .....	20
6.2.5	More options (E64) .....	20
7	How do I make myself comfortable? .....	22
7.1	Basic.....	22
7.1.1	Displays and sound .....	22
7.1.2	Seats (U114) .....	22
7.1.3	Air conditioning (U86 & E29) .....	22
7.1.4	Heated seats and steering wheel .....	23
7.1.5	Radio (U104 & E19) .....	23
7.1.6	The steering wheel controls (U100).....	23
7.2	Extra features .....	23
7.2.1	Music (U106 & E15) .....	23
7.2.2	Video (U108 & E32) .....	24
8	How do I park? .....	26
8.1	Sensors .....	26
8.1.1	Cameras and radar (U217).....	26
8.1.2	Rear parking aids (U237) .....	26
8.1.3	360° Around View System (U238) .....	26
8.2	Parking Assistance (U240) .....	26
8.2.1	Rear Cross Traffic Alert RCTA (U243) .....	26
8.2.2	Rear Cross Traffic Braking RCTB (U243).....	26
9	How do I charge the car battery? .....	28
9.1	Some notes about batteries and chargers .....	28
9.1.1	Battery capacity.....	28
9.1.2	Types of chargers (U173).....	28
9.1.3	Finding Chargers.....	29
9.1.4	Paying .....	30
9.2	Charging the Trophy .....	31
9.2.1	Energy management (E82) .....	31
9.2.2	Home charging (U172, U180).....	31

## MG4 Trophy - Contents

---

9.2.3	Public charging (DC-U179, AC-U173) .....	32
9.2.4	Rebalancing - Equalisation (U183) .....	33
9.3	Features .....	33
9.3.1	Electricity from the car - Discharge (U188, E84) .....	33
10	How do I change the carrying capacity? .....	34
10.1	Boot floor (U249) .....	34
10.2	Seats down (U118) .....	34
10.3	Remove foam .....	34
11	How do I change other settings? .....	35
11.1	Driver display (Instrument pack U32) .....	35
11.2	Function buttons (U100) .....	35
11.3	Home screen (Appendix B) (U97 & E11) .....	35
11.4	Home2 screen (U98 & E13) .....	36
11.4.1	User .....	36
11.4.2	Video. ....	36
11.4.3	Settings .....	36
11.4.4	MG Touchpoint (U110): .....	36
11.5	Settings (U110 & E21) .....	36
11.5.1	General (E22) .....	36
11.5.2	Bluetooth .....	37
11.5.3	Wireless network (U111) .....	37
11.5.4	Vehicle Hotspot .....	37
11.5.5	Data traffic management .....	37
11.5.6	Voice (U112) .....	37
11.5.7	Volume setting (E24) .....	37
11.5.8	System (U112 & E25) .....	38
11.5.9	Activate (U112) .....	38
11.5.10	Privacy notice .....	38
11.6	Shortcut Screen (Appendix D) .....	38
12	How do I link a smartphone? .....	40
12.1	MG iSmart app .....	40
12.1.1	Setting up .....	40
12.1.2	Starting .....	42
12.1.3	Front screen (MG screen) .....	42
12.1.4	Digital Key .....	43
12.1.5	EV management .....	43
12.1.6	Vehicle Status .....	44
12.1.7	Map Pin .....	44

## MG4 Trophy - Contents

---

12.1.8	Messages .....	45
12.1.9	'Hello MG iSmart' screen .....	45
12.1.10	Downloading car manuals to a computer .....	46
12.1.11	Binding another phone .....	46
12.1.12	Unbind .....	46
12.1.13	Problems with iSmart .....	46
12.2	Bluetooth Phone (U110 & E33) .....	47
12.2.1	Connecting.....	47
12.2.2	Making a call .....	48
12.2.3	Receiving a call .....	48
12.2.4	To hang up.....	48
12.2.5	Problems.....	48
12.3	Android Auto (AA) .....	48
12.3.1	Connections (U66, U109 & E35) .....	48
12.3.2	AA options .....	49
12.3.3	AA Front screen .....	49
12.3.4	Voice Command .....	50
12.3.5	Google Maps .....	50
12.4	Apple CarPlay (U109 & E34) .....	51
12.5	Vehicle hotspot (U111) .....	51
Appendix A - Dashboard (U100) .....		53
Appendix B - Home screen (U97) .....		54
Appendix C - Driver's screen (U30) .....		55
Appendix D - Shortcut screen .....		56

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Thanks to Tony Bridge for advice on Apple CarPlay.

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### On line resources

- Copies of this Guide can be downloaded from Microsoft One Drive: <https://tinyurl.com/mg4guide> . I would advise downloading the documents to view them, as opposed to using the online Word and Excel apps, in order to preserve formatting.
- The documents available for download are:
  - A pdf file of the Guide, this is the one to download if you just want the Guide to read.
  - A Microsoft 'Word' file. Download this only if you wish to amend the document. You will need to have 'Word' experience.
  - A Microsoft 'Excel' file with worksheets showing charts of the 'Infotainment' screens.
- Click on the left of the document(s) you want to download, to highlight the document details, and then click on Download on the menu bar at the top. The documents will download to your default directory.
- Clicking on the document name will open it in the online MS app (Word and Excel). However, the formatting may not be correct.
- Clicking on the three dots to the right of the document name, or right clicking on the name, gives a menu of options.
- The Excel file was used to compile the appendices used in the Guide. These were then copied and pasted as a 'picture' into the guide. If you wish to modify them, this should be done in Excel. You may need to 'Ungroup' the components.
- It should be possible to print out the pdf or Word files double sided but the appendices might be better printed single sided, due to 'bleed through'.

### Introduction

I own an MG4 Trophy MY23 version and this guide is primarily written for me to understand how it works. I'm sharing it in the hope that it helps others.

The guide could be used with other versions of the MG4 but some functions may not be available. The Trophy is called 'Luxury' or 'Essence' in countries other than the UK.

### Disclaimers

First, the disclaimers:

- This guide is not a substitute for the MG manuals, which contain important warnings and must take precedence over any advice in this guide.
- You are responsible for driving the car and I can take no responsibility for your actions. This is only a guide written by another motorist.

### The computer

This car is 'drive by wire'. In other words, you are operating a computer and the computer operates the car. The computer may also decide how to drive the car, without any help from you. So, you are going to have to get used to telling the computer what to do, even if it is only to operate the air conditioning.

The use of a computer results in many options, for example, you may want the car to recognise speed limit signs and then restrict the speed of the car to that maximum. The options chosen are known as 'Settings' which are altered through the central screen in the car (I've used the word 'screen' in two ways: the 'physical' screen - of which there are two - and the screens of information shown on these, such as for navigation).

In practice, there are many computers operating the car. For simplicity I'm assuming only one. The operation of the computer(s) is determined by 'software', which is constantly updated by MG, with the result that there are different 'versions'. New versions may be loaded when the car is serviced by an authorised dealer. As a result, cars of the same type (e.g., Trophy) may have different information screens and options.

This guide only includes a few copies of the screens, otherwise it would be twice as long. I would advise the reader to sit in the driver's seat and follow this guide (if you sit in the passenger seat you may not see all possible options).

### This guide

- The aim of this guide is to help drivers learn how to use the various functions of the MG4 Trophy 2023 version, without having to consult two lengthy manuals on a screen. However, the manuals will need to be consulted at some stage and I have not included instructions where the manual needs to be read in full, such as the fitting of child seats. Section 1.3 details how to get the manuals.
- The software version of the Infotainment system on our car is R40. Other software versions may have different options and manuals. To see what version you have, look at section 11.5 and look under the 'System' sub-heading.
- The guide will be suitable for other models of the MG4 but not all sections may be relevant or correct.
- I have tried to assume virtually no knowledge of computers, tablets or smartphones. I have tried to write it in the way a new owner gets to know a car, by going through the, 'How do I ...?' questions that you might ask.



## MG4 Trophy - Introduction

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- Each chapter gives the basics, some have an 'Extra features' section which delve into the more complex functions of the car.
- The chapters are:
  1. Screens, controls and manuals.
  2. How do I unlock and lock the car?
  3. How do I start and stop the car?
  4. How do I drive the car?
  5. How do I operate the accessories?
  6. How do I navigate?
  7. How do I make myself comfortable?
  8. How do I park?
  9. How do I charge the car battery?
  10. How do I change the seats and boot?
  11. How do I change other settings?
  12. How do I link a smartphone?
- There are appendices showing the dashboard and main screens:
  - A. The steering wheel and dashboard controls.
  - B. The Home screen.
  - C. The Driver's screen.
  - D. The Shortcut screen.
- This guide does not cover the following chapters in the manual because they are best read in full, as and when necessary:
  - Seats and Restraints (Chapter 4)
  - Emergency information (Chapter 6).
  - Service and maintenance (Chapter 7).
  - Technical data (Chapter 8).

## Other help

The following websites are useful:

- There is a forum dedicated to MG Electric Vehicles <https://www.mgevs.com>
- There are videos on YouTube. Search on MG4 tutorials but remember some videos may refer to other models in the range or software updates may have been made since the video was published. [Jerry Pan's series of video tutorials](#) are worth considering (search YouTube on Jerry Pan MG4). He is based in New Zealand where the Trophy is known as the 'Essence'.

# 1 Screen, controls and manuals

## 1.1 The screens

### 1.1.1 Two physical screens

There are two screens on the dashboard (Appendix A):

- The *Infotainment* (Entertainment) screen (Appendix B) near the centre of the dashboard is used to change the operation of the car by tapping symbols on the screen. Some physical controls do the same job, for example the air conditioning can be turned on and off using the switch under the Infotainment screen.
- The *Driver's* screen (Appendix C) is behind the steering wheel and is known as the 'Instrument pack' in the manual. This is not a 'touch' screen for changing computer settings.
- Screen names are shown in *italics*.

### 1.1.2 Access to other infotainment screens

- The *Home* screen (Appendix B) is the screen that (usually) appears when the car starts. This shows the time, weather, radio stations and other functions. If it does not appear, pressing the button beneath the screen with the house symbol will bring it up. If you ever get 'lost' in the screens, press this button! The various symbols and buttons on this screen will bring up other screens which will be covered in succeeding chapters.
- If the *Home* screen doesn't appear, or no screen appears, press the Home button continuously for about 6 seconds to 'reset' the system.
- Swiping. If you are not familiar with smartphones, you may not be aware of this technique. It is used to bring up other screens and is done by placing a finger on the screen and moving it left, right, up or down – depending on what screen you want.
- The *Vehicle setting* screen is an important screen for changing the settings which affect driving the car; it is displayed by touching the car symbol on the bottom right of the *Home* screen.
- Second Home screen. There is another important screen which gives access to the manuals, settings and other functions. It is displayed by placing a finger on the *Home* screen and swiping to the left. I refer to it as the *Home2* screen.
- The *Shortcuts* screen (Appendix D) for vehicle and system settings is seen by swiping down from the top of the *Home* screen, either side of the air conditioning tab. It displays a screen with some settings for the vehicle and system.
- To see all the options on the screens, the car MUST be in READY mode (footbrake pressed to display READY on the *Driver's* screen) and you need to be sitting in the driver's seat with your seat belt fastened and the doors shut.

## 1.2 Physical Controls

There are physical controls around the car (Appendix A). Their functions will be covered in later chapters.

- Infotainment screen: there are buttons underneath this screen (the 'control panel').
- Steering wheel; there are buttons on both sides of the steering wheel (Appendix A).
- Stalks: there are two stalks, one either side of the steering wheel.

## MG4 Trophy – How do I open and close the car?

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- Dashboard: the dashboard has controls for the wing mirrors, angle of the headlights and other functions.
- Roof: there are controls by the roof lights.
- Doors: there are controls on the doors for locks and windows.

### 1.3 The manuals

There are two MG manuals:

- The owner's (User) manual, which details all aspects of the car's operation (322 pages).
- The 'Infotainment' (Entertainment) manual which details how to use the centre screen and connections to a smartphone (124 pages).

These manuals are available from:

- The car's infotainment screen (swipe the *Home* Screen left to get the *Home2* screen and touch 'Manuals')
- The forum, <https://www.mgevs.com> where printed manuals may be obtained. (Look in the MG4 section at the top). Note that the printed manual may be an older version of the manual displayed on-screen.
- The MG UK website <https://www.mg.co.uk/my-mg/my-mg> (User manual and Quick Guide only) or MG European website <https://www.mgmotor.eu/owners/user-manuals>. The manuals may be downloaded onto a computer. They may be versions older than those on the car's infotainment screen.
- An app (program) on a smartphone called the 'MG iSmart' app. These manuals are the manuals in the car's Infotainment system and are likely to be those most relevant to the car. See chapter 12.

A reference to the appropriate manual page is included in the guide as a number, for example U23 for User manual page 23 and E36 for Infotainment manual page 36. The manual I have used is that provided on the 'Infotainment' screen of our car and on the iSmart app. These manuals sometimes show the 'night' dark screen, which appears when the headlights are on.

**NOTE: Because of constant software updates no manual may be up-to-date. Screen layouts may have changed and page numbers may differ slightly between manuals.**

### 1.4 Use of a smartphone

A smartphone may be connected to the car in various ways. The details are in chapter 12.

## 2 How do I unlock and lock the car?

### 2.1 The basics

#### 2.1.1 Unlocking the car (U160)

- The car can be opened by:
  - Clicking the 'Open Lock' button on the car key. The doors will re-lock automatically if a door is not opened within 30 seconds.
  - With the key closer to the car than 1.5m, pressing the button on the driver's or front passenger's door handle.
  - Using a smartphone with the iSmart app– see chapter 12.
- If the remote unlocking does not work, remove the mechanical key from the key fob by pressing the small silver button on the side and pulling out the key ring to give access to the mechanical key. On the underside of the driver's side door handle there is a small slot. Insert the key into this and remove the plastic cover. This will give you access to the keyhole for the mechanical key. The mechanical key will not start the car.
- See the YouTube video <https://www.youtube.com/watch?v=3BTM497vhNs> for a demonstration.
- Unlocking the car turns on the lights.
- Because the car key sends out a radio signal to the car, this can be copied by anyone with suitable equipment as they pass the key while it is in your pocket. They can then unlock the car and drive it away. You may wish to consider keeping the car keys in a 'Faraday' pouch and using a steering wheel lock.

#### 2.1.2 Unlocking the boot lid (tailgate) (U164)

- Click the centre button on the car key.
- With the key closer to the car than 1.5m, pull the button underneath MG symbol on the lower spoiler. This will open the boot lid but not unlock the car.
- In an emergency, the boot lid may be opened from the inside of the car. Remove the plastic cover the other side of the lock and use the mechanical key to turn the small blue button. (This is some exercise; you will have to drop the rear seats to get into the boot!). (U165)

#### 2.1.3 Locking the car (U160)

- The car can be locked by:
  - Clicking the 'Closed Lock' button on the car key.
  - With the key closer to the car than 1.5m, pressing the button on the driver's or front passenger's door handle. As a precaution, check the car is locked and the lights are off.
  - Using a smartphone– chapter 12.
- If a door, boot lid or bonnet are not properly shut, the horn will sound.
- **NOTE:** The car is not automatically locked by taking the key 'out of range'.
- The doors are automatically locked over 10 mph and you will hear this happen. This facility can be turned off *Vehicle settings>Convenience: Auto door lock* (U163).

## MG4 Trophy – How do I open and close the car?

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### 2.1.4 Locking the boot lid

- Shutting the boot lid will lock it – check the indicators flash.

### 2.1.5 Opening and closing the bonnet (U287)

- The bonnet is opened by:
  - Pulling the bonnet release handle below the dashboard on the right
  - Releasing the safety catch by placing your hand palm down under the centre of the bonnet edge (that is above the MG badge) and pushing the lever to the right.
  - The bonnet can then be raised and supported on its stay.
- Opening the bonnet gives access to the 12v battery, coolant expansion tanks, hydraulic fluid reservoir and windscreen washer reservoir.
- The bonnet is closed by:
  - Removing the stay.
  - Lowering the bonnet and dropping it for the last 20 – 30 cm.

### 2.1.6 Keys left in the car ((U162)

- A YouTube video shows that the car and boot will not lock if keys are left inside the car or boot but the manual disagrees.
- But, if the keys are in a metal container or a 'Faraday' pouch to prevent cloning, they will probably be locked in.

## 2.2 Additional features

### 2.2.1 Finding the car (U244)

- Pressing the Lock button on the key when the car is locked will turn on the indicators and sound the horn, depending on the vehicle settings.
- The settings are in *Vehicle settings>Lighting: Find my car response*.
- The MG iSmart app can also be used (chapter 12).

### 2.2.2 Child-proof locks

- See the manual (U158) for details.

### 2.2.3 Locking and unlocking from the inside (U163)

- There are buttons at the side of the driver's side door handle which lock and unlock the doors. Locking the doors does not prevent them being opened from the inside (other than child-proof locks).
- Doors can be locked by swiping down from top of the *Home* screen to get the *Shortcut* screen and touching the 'Door lock' button. Useful for the front seat passenger.

### 2.2.4 Doors to be unlocked

- The locking of all doors, or just the driver's side can be set in the *Vehicle Settings> Convenience* tab:
  - The 'Unlock using keys' buttons set whether the driver's door, or all doors, are unlocked using the key

## MG4 Trophy – How do I open and close the car?

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- The 'Door unlock modes' buttons set whether the driver's door, or all doors, are unlocked using the door handle push buttons.

### 3 How do I start and stop the car?

#### 3.1 Basics

##### 3.1.1 Starting the car (U166, U191)

- Sit in the driver's seat. This boots up the two screens. It's worth waiting the 30 or so seconds for the *Home* screen to appear otherwise some functions don't always start. Some warning messages may appear temporarily at the top of the *Driver's* screen during this period.
- If warning messages stay on, consult the manual (U37)!
- If the *Home* screen does not appear, press the Home button underneath the screen.
- The *Driver's* screen (U32) will show much information. (11.1 and appendix C for more details):
- Ensure the driver's door is shut, your seat belt is on and the key is inside the car. Then press the brake pedal. This powers up the car and puts it into 'Ready' mode as shown on the *Driver's* screen. It allows the direction of travel to be selected.
- Keep pressing the brake pedal. Move the dial ('shift control knob') to R (Reverse) or D (Drive).
- Release the brake pedal. Be prepared for the car to move slowly.
- Press the accelerator pedal – carefully. Electric cars have a quick acceleration.

##### 3.1.2 Stopping the car (U198)

- Release the accelerator. The motor will turn into a generator and start charging the battery (unless it is nearly full). This will slow the car down with 'regenerative braking', assuming it is on – see 3.2.2 below.
- Use the footbrake to come to a halt.
- Stopping temporarily – Autohold (U203). Press the brake pedal firmly. The parking brake will be applied as shown by a green 'A' in the centre of the *Driver's* screen. Autohold is released by pressing the accelerator (so be careful not to accidentally touch it). The brake lights remain on with Autohold. Autohold does not work in reverse.
- Stopping permanently (U199).
  - Press the dial (P) to mechanically lock the transmission and apply the parking brake. A red 'P' will appear on the *Driver's* screen showing that the Electronic Parking Brake (EPB) is ON. The car can be powered down (3.2.1)
  - To restart, press the brake pedal and select a gear with the knob. Press the accelerator.
  - The brake is automatically applied when the brake pedal is released and the driver's seat belt is unfastened and the driver's door is opened.
- The EPB (U190) can be applied manually by pulling up the switch by the Gear knob. It does not operate the brake lights.
- The EPB is turned OFF when
  - The 'P' knob is pressed, and the car put into R, N or D gear.

- The car is powered on, the brake pedal pressed and the switch pushed down.

### 3.2 *Extra features*

#### 3.2.1 **Powering down (U167).**

- Tap Vehicle settings (Car symbol on the lower right of the *Home* screen). Select the Safety tab. 'Power off' and then 'Power off' in the pop-up window to shut off all systems including lights and air conditioning. While this is not strictly necessary (it should happen when the car is locked), if the headlights are on, a warning will display and it has been reported on the Forum that it may lessen the chances of problems when using public chargers.

#### 3.2.2 **Regenerative braking (U194).**

- This can be set in *Vehicle settings>Driving tab: Energy recovery* (Bottom right-hand button on the *Home* screen).
- Settings are Weak (1), Medium (2), Strong (3) or Adaptive (A), in which the car adapts the braking based on the road conditions and distance to the car in front.
- The setting is displayed on the lower right of the *Driver's* screen.
- One of the 'Favourites' keys (a star) on the steering wheel may be programmed to cycle through the regeneration settings (chapter 11.2).
- The setting reverts to 'Strong (3)' when the car is powered up.

#### 3.2.3 **Autohold (U203)**

- The Autohold feature can be turned off through the *Vehicle settings>Safety* tab
- The Autohold feature can also be turned off on the *Shortcut* screen (11.6 & Appendix D)

#### 3.2.4 **MG Pilot features**

The car has a series of driving 'assistance' features known as 'MG Pilot' which can affect the driving of the car. They are considered in 4.3.

.



# 4 How do I drive the car?

## 4.1 Basics

### 4.1.1 Driving modes (U193)

- The car has 5 driving modes:
  - Normal: for 'everyday' driving. The car resets to this mode on powering up.
  - Eco: vehicle settings (such as the air conditioning) are set at values which reduce energy consumption (U195).
  - Sport: this provides more power and is recommended for mountain roads
  - Snow: This reduces regeneration to 'weak' with the intention of lessening the risk of skidding on snow.
  - Custom: Allows a combination of settings decided by the driver (4.2.1).
- These modes can be changed by:
  - One of the 'Favourites' (Starred) buttons on the steering wheel, if configured (11.2)
  - *Vehicle settings>Driving*
- When changing a mode in the *Vehicle settings>Driving* screen, the settings affected are shown in the menu items below it. For the 'Custom' mode choose the desired setting see 4.2.1 below.

### 4.1.2 Speed sign recognition (U220)

- The car's camera will detect speed signs and can display them on the *Driver's* screen.
- If the speed limit is exceeded the speed sign on the driver's display flashes.
- The display is turned on through *Vehicle settings>MG Pilot tab: Traffic sign recognition*.
- Speed signs on the road surface are not detected.
- Personal experience has shown that the camera can incorrectly display speed limits from side roads, or temporary speed limits which only apply, for example, during school terms. It's useful but not a substitute for keeping your eyes open.
- Speed limits are not taken from the navigation system.

### 4.1.3 Safety features

These are detailed around page 201 of the User manual

## 4.2 Extra features

### 4.2.1 Driving mode settings – Custom mode

- Custom mode allows the Horse Power, steering force, pedal force (these settings don't seem to be available on other screens) and energy recovery to be set *Vehicle settings>Driving*.
- The driving mode is set back to Normal if the car is powered down. For convenience, the Custom mode can be selected through a Function key on the steering wheel see section 11.2.

### 4.2.2 One pedal driving (U197)

- This can be turned on in *Vehicle settings>driving*
- The brake is not used. Releasing the accelerator applies a combination of regenerative braking and the brakes until the car comes to a halt.

### 4.2.3 Energy Saving Mode (U195)

- The most energy efficient settings are used to reduce consumption and therefore increase the range.

## 4.3 MG 'Pilot' features

These are listed in MG brochures but are not necessarily easy to find in the manual as they are not 'highlighted' as MG Pilot features.

The symbols showing the status of these features appear in the top left of the driver's screen and are shown on pages U35 to U45.

***For all these features, the manual should be consulted as the information below is only a summary.***

### 4.3.1 Intelligent High Beam Control (U51).

- See chapter 5 for details about how to control the lights.

### 4.3.2 Adaptive Cruise Control (U208)

- Set up from the *Vehicle settings>MG Pilot* screen (orange symbol on LHS of Driver's screen).
- When operating, ACC will maintain a set target speed, except when the vehicle in front is moving more slowly, in which case the vehicle in front will be followed at a set distance consistent with its speed.
- ACC is controlled through:
  - The Pilot switch, which is the centre of the 3 switches on the LHS of the steering wheel. This turns ACC on at the speed the car is travelling (symbol turns green) or onto standby. (To turn it on, press the Adjustment switch up).
  - The Adjustment switch (the large switch on the LHS of the steering wheel). Pressing this switch sets the target speed to the actual speed. Pushing down this button (or pushing the bottom of the button) decreases the target speed; up increases it. Briefly pushing this button up/down increases/decreases the target speed by 5mph. Continuously pushing it up/down increases/decreases the speed by 1 mph. Pushing it left/right (or pushing down the left or right side) increases/decreases the target distance to the car in front. Whatever the speed setting, the actual speed is adjusted to keep a set distance from the car in front.
- ACC is deactivated if:
  - The pilot button is pressed.
  - It is turned off on the Infotainment screen (*Vehicle settings>MG Pilot*).
  - The brake pedal is pushed.
  - The manual details other circumstances.
- The state of the ACC function is shown on the top left of the *Driver's* screen (U43).

## MG4 Trophy – How do I drive the car?

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- Pressing the accelerator increases the speed (for example to overtake), releasing it returns the car's speed to the target speed.

### 4.3.3 Traffic Jam Assist (U230)

- Set up from the *Vehicle settings>MG Pilot* screen as an alternative to ACC.
- It works below 20mph.
- When activated and when the lane markings are clear, it assists the vehicle in driving between the lane markings (it will twitch the steering wheel) and keeping a set distance from the car in front.
- The state of the TJA function is shown on the top left of the *Driver's* screen (U43).

### 4.3.4 Manual and Intelligent Speed Limit Assist (U222)

- In *Vehicle settings>MG Pilot*, set the Speed Limit Assistance to Manual or Intelligent.
- This option is not shown if Adaptive Cruise Control (ACC) or Traffic Jam Assist (TJA) has been chosen.
- In manual mode:
  - Press the Pilot button (middle button on LHS of steering wheel) to activate manual. The set speed is shown on the *Driver's* screen.
  - If below 20 mph, the target speed will be set at 20mph.
  - If above 20 mph, the speed limit will be the existing speed rounded up to a multiple of 5.
  - The Adjustment button (large square button) is used to adjust the target speed up or down by pressing the top or bottom.
- In intelligent mode:
  - Press the Pilot button (middle button on LHS of steering wheel) to activate intelligent mode.
  - The speed will be limited to the speed displayed on the last speed limit sign recognised.
  - This can cause problems (see 4.1.2 above). In my opinion, the intelligent mode is probably best used when there is a uniform speed limit, such as in urban areas (20 or 30 mph) or motorways.
- If it is necessary to exceed the speed limit as set, press the accelerator pedal sharply. The displayed speed limit will flash and an audible warning will sound.
- Pressing the Pilot switch (middle left switch on steering wheel) puts the function into standby. Pressing it again turns the function on.
- The current status is shown in the top left of the driver's screen (U43).

### 4.3.5 Lane Departure Warning and Lane Keep Assist (U227).

- The Lane Departure Warning system provides warnings when the car is about to cross lane markings.
- The Lane Keep Assist (LKA) function will apply corrective steering intervention, that is, it will turn the steering wheel, to keep the car within the lane. This force will vary with the software version installed in the car but its application can be a surprise.
- Both functions operate above 37 mph.

## MG4 Trophy – How do I drive the car?

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- LKA can be turned off in *Vehicle settings >MG Pilot*, but turns on when the car's systems restart. (Note that these options only appear when the car is in 'Ready' mode.)
- The actions and warnings that LKA will make can be set in *Vehicle settings>MG Pilot*.
  - *Assist mode*: Alert/Lane Departure Assist/Emergency Lane Keeping. This sets the action the car will take if lane markings are crossed. Emergency lane keeping will give a more obvious steering correction.
  - *Alert sensitivity*: Low/Medium/High
  - *Audible Warning*: ON/OFF
  - *Vibration reminder*: ON/OFF

### 4.3.6 Active Emergency Braking (AEB) (U234).

- This function will apply the brakes if it considers a forward collision may occur.
- It can be changed in *Vehicle settings>MG Pilot*.
  - It can be turned off.
  - The action can be an alert or an alert plus emergency braking.
  - The sensitivity can be changed.
- This function may cause the car to stop suddenly, for example if the car turns into a side road when a vehicle is parked close to the junction, facing it with headlights on.

### 4.3.7 Lane Change Assist LCA (U240)

- Is part of the Blind Zone Safety Assist
- It alerts rapidly approaching vehicles in the left and right lanes with a warning in the corresponding door mirror.
- It may be turned off on the *Vehicle settings>MG Pilot screen*.

### 4.3.8 Blind Spot Detection BSD (U240)

- Is part of the Blind Zone Safety Assist.
- It alerts rapidly approaching vehicles in the car's blind spot.
- It may be turned off on the *Vehicle settings>MG Pilot screen*.

### 4.3.9 Rear Cross Traffic Alert RCTA (U243)

- See chapter 8

### 4.3.10 Rear Cross Traffic Braking RCTB (U243)

- See chapter 8

### 4.3.11 Rear collision warning (U245)

- If a vehicle is likely to hit the rear of the car:
  - An alarm is sounded
  - Warning message on driver's screen
  - The brake lights and rear indicator lights are activated
- The function may be turned off in *Vehicle settings>MG Pilot*

### 4.3.12 Door opening warning (U246)

- If a door is opened when vehicles are approaching, the warning lamp in the wing mirror will illuminate
- If the door continues to be opened, an alarm will sound and the warning lamp will flash.
- The function can be turned off in the *MG Pilot* screen

### 4.3.13 Towing mode (U250)

- Putting the towing mode to ON disables certain 'Driver Assist' features.

### 4.3.14 Driver alert warning (U79)

- This system monitors a driver's actions. If they consider the driver is fatigued, a warning will be issued over 37 mph.
- The sensitivity can be changed, and it can be turned off, in the *MG Pilot* screen.

### 4.3.15 Stability Control

- Electronic Stability Controls (U202). The Stability Control System (SCS) and Traction Control System (TCS) aim to assist the driver by preventing sliding and wheel spin.
- Always disable SCS and TCS when driving with snow chains fitted.

# 5 How do I operate the accessories?

## 5.1 Basics

### 5.1.1 Steering wheel (U63)

- The steering wheel can be tilted by releasing the locking lever under the steering column.

### 5.1.2 Windows (U75)

- All windows can be operated by switches on the driver's door, or individual switches on each passenger door.
- The rear window switches can be prevented from working using the bottom window switch on the driver's door.
- Defrost/demist windscreen (U87): the switch is below the infotainment screen.
- Heated rear window (U88): the switch is below the infotainment screen. It also switches on the door mirror heaters.

### 5.1.3 Lights (U51)

- The lights are operated by a switch on the LHS steering wheel stalk, except the rear fog lights.
- The Daylight Running Lamps illuminate automatically when the car is opened and turn off when the headlights are on.
- The auto lighting system:
  - Switches on when the car is opened,
  - Dipped beam headlights are switched on if the light level is low (Welcome light). (Note that this can happen when the car moves into a shadow or under a bridge. It can therefore cause the lights to flash, confusing other drivers. When this happens, the driver's display shows a dipped beam headlight and the infotainment system screen goes into 'dark' mode.)
  - When the front camera detects lights of an oncoming vehicle or the rear lights of a vehicle ahead, the headlamps will be dipped. This automatic high beam function may be turned off in the *Vehicle settings>Lighting screen*.
  - Auto lighting can be turned off/on by pushing the lighting switch on the stalk to the right. A message appears briefly at the top of the *Driver's* screen.
- Lights can be operated manually with the switch on the lighting stalk (U52).  
**NOTE:** If the headlights are turned on manually, there is no warning if you leave the car with them still on without powering down (3.2.1).
- Pull the lighting stalk to flash the headlights.
- Push the lighting stalk to turn main beam on or off (blue headlight symbol at the top of the driver's screen).
- Headlamps may be levelled using the dial on the lower right dashboard by the steering wheel (U53).
- Hazard warning lights are operated from the switch below the centre of the Infotainment screen.
- 'Follow me home' function. (U52)
  - Power off the car (*Vehicle settings>Safety tab>Power off*)

## MG4 Trophy – How do I operate the lights etc.?

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- Pull the light lever switch towards the steering wheel to operate the dipped beams.
- Function is set in *Vehicle settings>Lighting*.
- The rear fog lamp is turned on/off by touching the symbol on the top left of the *Home* screen (U58), when dipped headlights are on. A yellow light symbol appears on the *Driver's* screen.

### 5.1.4 Door mirrors (U70)

- The mirrors automatically unfold when the car is opened, unless this function has been turned off in *Vehicle settings>Convenience*.
- The mirrors can be adjusted using the knob on the dashboard to the lower right of the steering wheel. Turn the knob to the right of left and move it left/right/up/down to angle the mirror.
- The mirrors can be opened and closed by setting the knob to the central position and pushing it down.
- The door mirrors are heated when the rear window heater is on.

### 5.1.5 Indicators (U57)

- Left stalk, up for right, down for left. Flicking the stalk up or down briefly operates the indicator for 3 seconds.
- Indicator lights shown at the top of the driver screen plus an audible 'clicking'.

### 5.1.6 Front wipers and washers (U59)

- The wipers do not turn on automatically as they have no rain sensors.
- Right hand stalk
  - Up once for automatic. Move the switch to adjust the speed (frequency).
  - Up twice for slow
  - Up three times for fast.
  - Down once for a single wipe.
  - Pull towards for a wash and wipe.
- **NOTE:** if the wiper arm is pulled up in the 'parked' position it will scratch the bonnet paintwork. To move the wipers onto the windscreen (U301), power off the car (*Vehicle settings>Safety*) and within 20 seconds press the wiper switch to the single wiper position (up twice). Replace the wipers on the screen **before** you get back into the car, otherwise the wipers will park when the brake pedal is touched!

### 5.1.7 Rear wiper (U61)

- Push button at end of the stalk to operate
- Push stalk to wash (the manual is incorrect, it states 'Pull').
- The frequency of wipe depends on the front wipers.

### 5.1.8 Rear view mirror (U72)

- The mirror will automatically switch on the anti-dazzle function when it detects following headlights.
- The automatic function can be turned off using the centre switch on the mirror.

- The anti-dazzle function can be operated manually using the lever at the base of the mirror.

### 5.1.9 Interior lights (U78)

- On the roof unit press the centre button for automatic interior lights or the right and left buttons to manually operate.

## 5.2 Extra features

### 5.2.1 Emergency call – eCall SOS service (U259 & E101)

- Press the emergency call button in the overhead console for about a second to contact the emergency call centre. A single beep will be heard with a message on the driver's screen.
- Press again within 5 seconds to cancel the call.
- If the sensors detect a serious accident the call centre will be contacted automatically.
- To check the phone number has been correctly set up, or to alter the place of purchase, go to *Home2* screen (swipe the *Home* screen left) and select the 'Rescue call' button. **NOTE:** You should carry out this check as several owners have reported that it is not set. The number for the UK should be for the Automobile Association.

### 5.2.2 Voice Command

- Press the Voice command button briefly on the steering wheel (top left button).
- A screen will appear which has the message, 'I'm here' and you will be asked for a command.
- Press the '?' button to see a screen of 'Something you can ask me'.
- 'Hello MG' should be turned ON (11.5.6) to use the voice for activating voice commands
- Press the 'Voice command button' for a longer time to get voice commands for Android Auto or Apple CarPlay (chapter 12).



# 6 How do I navigate?

## 6.1 Basic

- This is a summary of the navigation features. The infotainment manual provides more details and screen shots (E36).
- Launch the Navigation app by touching the navigation box on the *Home* screen or the Nav icon on the right of the home screen (the arrow symbol) (E43).
- The Navigation home screen will appear (E38).
- If the navigation function does not work correctly, check whether the 'End User Licence Agreement' (EULA) has been agreed. Swipe the *Home* screen to get *Home2*; tap *Settings*; from the menu on the left of the screen, scroll down to *Privacy Notices* and agree to the EULA and check the 'Navigation' slider underneath is ON.

### 6.1.1 Setting up 'Favourites'

- It's worth setting up home, work and commonly used destinations at this stage.
- To set up 'Favourites' by searching;
  - On the *Navigation* screen tap the 'Search' function (a magnifying glass) (E41).
  - On the search screen, either type an address, postcode or word unique to the destination, such as 'Chatsworth House'. Tap the desired location from the list presented.
  - Or, touch one of the icons below ('Recent', 'Favourites' etc) to get a list. Tap the desired location from the list presented.
  - Tap the green search icon, bottom right, to get the details of the route chosen. Check it is correct. Click the Favourites button to add the destination to Favourites
- To set up 'home' and 'work' destinations (E58):
  - On the *Navigation* screen, tap the three dots at the bottom of the menu on the right-hand side.
  - Click the settings icon (gearwheel) to get another screen of options.
  - Click 'More Settings' and on the next screen 'Destination Card'.
  - Tap on Home or Work box to search for destination (E41). When found touch green symbol on bottom right of keyboard.
  - Tapping the down arrow next to 'Work' gives alternative titles but only two destination cards can be defined.
  - 'Show destination card on map' shows place marks on the front map. Check they are correct. Tapping these provides directions.
  - Use the arrows on the top left to move back through the menus.
- To set up 'Favourites' from the map;
  - Touch and hold the map where you want to go. A description of the destination will appear (you will be able to change it).
  - Tap the description to bring up the *Details* screen. Tap the 'Favourites' button.

### 6.1.2 Setting a route

- Go through the procedures for setting up a Favourite.
- Touch the Routes button, to show alternative routes.
- Select the desired route and tap 'Go'.
- On the *navigation* screen (E52 & E75) you will see
  - A blue bar at the top, showing the distance to the next turning point, an option to list the turning points, an option to turn off the voice, and an option to abandon the trip.
  - The vertical bar on the left of the map shows progress towards the destination and any hazards.
  - The box on the bottom centre shows the current position. Tapping this gives details of 'My location' – Current; Upcoming; Previous.
  - The box on the bottom left shows the distance and time to the destination, or next intermediate point (if selected, see below).
  - Zoom buttons are on the bottom right.
  - Other functions (search, favourites, and settings) are on the right.
- When driving, information on lanes, junctions, sharp turns and other relevant information will be given (E75)

### 6.1.3 Adding intermediate stops (E56)

This can be done in two ways:

- From the map
  - Touch search or Favourites (the star) and select the desired intermediate point.
  - The *Details* pop-up screen will appear. Select 'Add to trip'.
  - A screen showing the destinations will be shown.
  - Clicking the edit function (pencil), will bring up a screen where new destinations can be added and the order of intermediate points changed by dragging them up or down.
- From the menu.
  - From the front map, click the horizontal row of three dots, touch the settings icon.
  - Touch 'Edit Destinations' to add, remove or reorder intermediate destinations.

### 6.1.4 Editing Favourites

- From the Navigation screen, tap the star to list the favourites.
- Tap the pencil symbol at the top to bring up the *Edit Favourites* screen.
- Tap:
  - The pencil against the favourite to rename it,
  - The double arrow to move it on the list.
  - The dustbin to delete it.

### 6.2 Extra features

#### 6.2.1 Voice command (E43).

- Voice command can be used while driving to find a destination or alter the display. A list is on E81.
- Press the 'Voice command button' on the steering wheel (top left button).

#### 6.2.2 See traffic events (E50)

- Touch the three dots on the RHS to get a drop-down menu.
- Touch the cars to see a screen listing nearby events, such as road works and road closures.

#### 6.2.3 See the range available (E69)

- Touch the three dots on the RHS to get a drop-down menu.
- Touch the spark symbol to see a map of the range possible with the current state of charge.
- Touch the symbol on the top right and zoom in to see a map of chargers (which may not be complete).
- See chapter 9 for information on charging.

#### 6.2.4 Map options and settings (E60)

Touch the three dots on the RHS to get a drop-down menu and select the gearwheel for more options.

- *Display*: touch to scroll through the options of a 2-dimensional map with the direction of drive at the top; a 2D map with north at the top; a 3D map.
- *Traffic ON/OFF*: shows the current traffic conditions (E55).
- *Show on map*: gives options as to which POI (Points of Interest) are shown on the map.
- *EV preferences*: provides options to set which charging networks and charging speeds to show when displaying EV chargers.

#### 6.2.5 More options (E64)

On the map options screen, tap 'More settings'.

- *Map preferences*: options to display landscape, buildings and terrain in 3D at certain zoom levels.
- *Navigation preferences*:
  - *Auto zoom (On by default)*: zooms in when approaching a turn, then zoom out to original setting.
  - *Preferred route*: Fastest gives the shortest drive time. Eco-friendly gives straight roads and less car idle time.
  - *Avoid on route*: options to avoid certain features, such as toll booths.
  - *Auto rerouting*: Options to auto reroute; ask before rerouting; never search for a better route.
- *Alert Preferences*: Options to alert when encountering road safety hazards; traffic cameras; toll gates; upcoming traffic events.

## MG4 Trophy – How do I navigate?

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- *Manage features*: Turns off 'Dead Reckoning' which works out the car's position without using satnav. If turned ON, it may interfere with satnav positioning.
- *Manage History*: options to clear: recent destinations; favourites; search history.
- *About*: displays information about the software, including version and when it expires.

# 7 How do I make myself comfortable?

## 7.1 Basic

### 7.1.1 Displays and sound

- Infotainment screen brightness:
  - Swipe the Home screen from the top to get the Settings screen. Move the Brightness bar.
  - Swipe the Home Screen right, tap the Settings button. In 'General' move the Brightness bar.
- Driver's screen brightness: see 11.1 *Message Centre>settings*
- Volumes:
  - Use the volume keys under the Infotainment screen.
  - Use the RHS Adjustment button. Press the top and bottom to increase or decrease volume. (If this doesn't work, check that the Driver's screen information display (11.1) is not on. If it is, press the RHS centre button.)
  - Swipe the *Home* screen from the top to get the *Settings* screen. Move the volume bars.

### 7.1.2 Seats (U114)

- Driver's seat: Use the two switches on the right side of the seat to adjust the seat height, seat backrest angle and seat position.
- Front passenger seat: Use the handle below the front of the seat to move it forwards and back. Make sure it locks into position. Use the side handles to raise the seat and alter the backrest.

### 7.1.3 Air conditioning (U86 & E29)

- Some versions of the manual may show the old screen.
- To turn the AC on or off press the switch on the left under the infotainment screen.
- The air conditioning may be turned on using the iSmart app (12.1.3).
- To display the AC control screen:
  - Turn the AC on by pressing the switch.
  - Swipe down from the centre of the *Home* screen, which shows a summary of the AC settings.
  - Swipe the *Home* screen left and touch the AC button.
- The controls are:
  - **Temperature:** At the bottom of the screen press + or – to alter the temperature. (Note that the actual temperature to be achieved may be 5 degrees lower than that displayed. So, in order to get a cabin temperature of 21C you may have to set this value as 26C).
  - **Auto:** the system sets all controls to achieve the displayed temperature. Manually adjusting the blower speed or air distribution turns off auto.
  - **A/C** turns the air conditioning compressor OFF/ON.

- *Distribution buttons*: determine the air flow.
  - *Air recirculation*: three settings: no external air drawn in; external air drawn in; automatic.
  - *ECO*: A/C runs using less energy.
  - *Blower speed*: can be adjusted by tapping the line, or the blower icons.
  - *Settings*: Adjust the volume of air; automatic heating of the rear window ON/OFF; Follow ECO drive mode ON/OFF).
- When one of the shortcut function buttons (11.2 - starred button on steering wheel) is set to switch on air conditioning, the right function adjustment button can be used:
- LEFT/RIGHT: fan speed decrease/increase
  - UP/DOWN: Temperature increase/decrease
  - Centre: Auto A/C ON/OFF

### 7.1.4 Heated seats and steering wheel

- Turn ON at the bottom of the *A/C* screen.
- Keep tapping the seat symbol to cycle through the three levels of heat setting.

### 7.1.5 Radio (U104 & E19)

- To enter the *Radio* screen, tap the box on the *Home* screen, when it is showing the radio, or swipe the *Home* screen left and tap the Radio Icon.
- Choose the DAB or FM tab for the type of radio reception.
- To select the station:
- DAB and FM: Tap a previously selected favourite on the left or tap the black triangles with a bar at the bottom of the screen to step through the stations.
  - FM: Move the scale.
- To see lists: tap the three lines with a dot.
- To store as a favourite: tap the heart symbol, it will go red.
- Play/pause: tap the centre button.

### 7.1.6 The steering wheel controls (U100)

- See Appendix A

## 7.2 Extra features

### 7.2.1 Music (U106 & E15)

- To enter the *Music control* screen tap the music note symbol on the right of the *Home* screen to bring up a screen with three tabs, or tap the *Home* screen when the desired media source is showing (use the top arrows to switch).
- BT (Bluetooth) (E17)
- This screen will show the details when a phone is linked by Bluetooth (BT) and playing music through an app on the phone.
  - Use the lower controls to play the previous song, play/pause or play the next song.

## MG4 Trophy – How do I make myself comfortable?

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- Voice control is possible using the top left steering wheel button. It is not very reliable.
- On-line (E18): requires an Amazon Music subscription.
- USB Music (U104/7 & E15):
  - Uses a USB stick with loaded music files (MP3, AAC, WAV, APE, FLAC) (E9) in either of the two sockets under the phone charging table. On the left USB-A and on the right USB-C.
  - The system scans in music files in when the USB is plugged in and shows them on the left. There may be a limit to the number of files, although the Infotainment system may scan in all files and then fail to operate properly!
  - If the files are in folders, it will show the files in the first folder. Tap 'Play all' to get the option, 'USB folder' and tap this to show the folders.
  - Tap the folder to open it and show the music files.
  - Tap the blue folder at the top of the music files to go back to all the folders.
  - Files are shown in alphabetical order, not track number order and letters come before numbers ('Zeppelin' comes before '10cc'). Thus files will play in alphabetical order, not track number order. If this is important (for example, classical music or 'concept' albums) consider using a music app on Android Auto (12.3) or Apple CarPlay (12.4).
  - Folders may be included in folders. Thus the folder for 'Elton John' may contain a folder, 'Yellow Brick Road'.
  - Tracks may be played in 'Play list' (alphabetical) order or random order, using the left and right hand symbols at the bottom of the screen.
  - After powering on the car, all the music files may be in alphabetical order. Tap the play symbol by 'Play all', to see the folder list.
  - I'm afraid there is a certain amount of 'trial and error' involved in getting USB files to play!
- Equalisation can be set by tapping the three lines with knobs symbol toward the top right of the BT and USB screens.
- Volume and tracks can be controlled by the right function adjustment button when the media menu item has been set on the *Driver's* screen information menu (11.1).
- Linking a smartphone with a music app to the car using Apple CarPlay or Android Auto (chapter 12) can provide an alternative music player.

### 7.2.2 Video (U108 & E32)

- Insert a USB storage device into one of the USB ports under the charging tray (Appendix A).
- Formats supported (E9) AVI, MP4, MOV, MKV, FLV.
- Tap the Video button in *Home2* screen. (Swipe right on the *Home* screen).
- Select a video from the right-hand play list
- Use the lower controls for playback:
  - ⏮ short press to previous video; long press to fast rewind
  - ⏭ short press to next video; long press to fast forward
  - ⏸ Play/pause

## MG4 Trophy – How do I make myself comfortable?

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- The video will not play while driving.



# 8 How do I park?

## 8.1 Sensors

### 8.1.1 Cameras and radar (U217)

- These provide information for the 360° Around View and some MG Pilot features. (Chapter 4).
- There are cameras at the top of the windscreen, in the door mirrors and at the back.

### 8.1.2 Rear parking aids (U237)

- This shows the distance to an obstacle at the rear of the car and sounds an alarm as the distance decreases.

### 8.1.3 360° Around View System (U238)

- The display shows:
  - On the left, the view round the car.
  - In the centre: the front/back camera view.
  - On the right: space around the car.
- The front camera view is shown when Drive mode is selected (below 10 mph).
- The rear camera view is shown when Reverse mode is selected.
- The 360° view is shown on the Infotainment screen:
  - When reverse gear is selected.
  - The 360° button on *Home2* screen (swipe the *Home* screen to the left) is touched.
  - The indicators are operated at slow speed (changed in Settings).
  - A Function key on the steering wheel has been set up (chapter 11.2).
- Settings are changed by touching the icon at the bottom right of the screen. The Parking guidance line is the one shown in the rear-view camera when reversing. It provides an idea of the obstacles behind.

## 8.2 Parking Assistance (U240)

### 8.2.1 Rear Cross Traffic Alert RCTA (U243)

- It is part of the Rear Traffic Assist.
- Issues an alarm if the car is at risk from vehicles approaching from the right or left, for example backing out of a parking space.
- It may be turned off on the *Vehicle settings>MG Pilot screen* (Rear Driving Assistance System).

### 8.2.2 Rear Cross Traffic Braking RCTB (U243)

- It is part of the Rear Traffic Assist.
- It brakes the car if there is at risk from vehicles approaching from the right or left, for example backing out of a parking space.

## MG4 Trophy – How do I park

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- A warning lamp appears in the wing mirror.
- It may be turned off on the *Vehicle settings>MG Pilot* screen, or just changed to an alert.

# 9 How do I charge the car battery?

## 9.1 Some notes about batteries and chargers

### 9.1.1 Battery capacity

The capacity of the MG4 Trophy's battery (from the brochure) is 61 kWh (usable). What does this mean?

- Let's start with a common piece of electrical equipment, a powerful fan heater. On maximum this will use about 3kW. In one hour, it will use 3kWh units of power. So, theoretically the MG4's battery could run the fan heater for just over 20 hours (61 divided by 3).
- The state of charge of a battery (SoC) is stated as a percentage. Thus, a battery 73% SoC has 44.5 kWh of charge.
- The MG4 uses around one kWh to drive 4 miles, dropping to 3 miles for motorway driving with air conditioning on in the winter. Thus, the range is from around 240 miles to 183 miles. However, this is from 100% to 0% SoC.
- So, you can work on the basis of 2 miles per one percent SoC but aiming to charge at 10-20% SoC, if you don't want to risk running out of battery power. If the battery is 80% SoC and you want to charge between 10 and 20% SoC, you have about 120 miles ( $80-20 \times 2$ ) of motorway travel with air conditioning.
- Don't assume that the range remaining which is suggested by the car is correct, as it is based on previous driving conditions.
- MG recommend that the battery is kept charged in the range 20% (12 kWh) to 80% (48kWh) unless about to go on a long journey when the battery can be charged to 100%. (This does not apply to batteries in all MG cars).

### 9.1.2 Types of chargers (U173)

- Electricity comes in two 'forms': alternating current (AC) and direct current (DC).
- The national grid uses alternating current and that is what is available in houses.
- The battery needs to be charged with DC. AC therefore needs to be converted to DC, either by the car or, in the case of some public chargers, by the charging station.
- Chargers may be tethered - they have a cable attached, or untethered – when the motorist has to supply the cable. DC chargers are always tethered.
- AC power is fed into the car through the round socket known as a 'Type 2'. DC power is fed into the car through the two lower pins under the AC socket, covered by a plastic cap. The two sockets together are known as a CCS.
- Where the motorist has to provide the AC cable for the charger, there are choices:
  - A so called 'granny cable', which has a standard 13A plug at one end for a UK mains socket and a type 2 plug at the other. It has a 'black box' in the middle, with diagnostic lights, for controlling the charging. MG supply this type of cable with the car.
  - A two-phase cable with a type 2 plug at each end. This is suitable for untethered home or public AC chargers and is suitable for supplying up to 7kW, the maximum for the 2023 MG4 UK Trophy. Some leasing companies provide this cable in addition to the 'granny' cable.

## MG4 Trophy – How do I charge the car battery?

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- A three-phase cable with a type 2 plug at each end. 'Three phase' delivers current at a higher voltage through two 'live' wires and a single neutral. This cable is intended for cars charging at 11kW (or more) attached to a three-phase supply – usually public chargers. Three phase is rare on UK domestic premises. This cable can be used with the UK Trophy but will only deliver 7kW.
- Charging at home may be carried out by using:
  - A 'granny' cable. Since a 13A plug will deliver about 3kW maximum (13 amps X the voltage (240)), it will take at least 12hrs to charge from 20% to 80% (36kWh).
  - A home charging unit. These cost around £1000 to buy and fit. They may be tethered or untethered. They deliver around 7kW and will therefore take around 5 hrs to charge from 20% to 80%. Most can be set up with a schedule for charging which is useful for cheap overnight electricity. Each make of charger is different and you will need to follow its instructions.
- Public chargers are of two types:
  - AC chargers, which may provide up to 45kW of charge. Up to 11kW are known as slow chargers, up to 22 kW as fast chargers and up to 99kW (AC or DC) as rapid (these definitions vary). They are typically found on streets (untethered) and in car parks. **Note** that due to the electronics within the 2023 UK Trophy, it will only charge up to 7kW AC whatever the power of the charge point..
  - DC Chargers, which provide up to 350kW of power. Those over 100kW are known as ultra-rapid. **NOTE:** that due to the electronics within the car, it will only charge up to 150kW DC whatever the power of the charge point (in practice it will be lower than 150kW. Since DC power is input through the two lower (covered) pins, if this socket is not used, the maximum charging rate will be 7 kW!
  - Note also that rapid chargers may not charge to 100% to prevent damage to the battery and may move on to a slower rate of charge above 80% for the same reason. It may be faster to charge twice to 80% on a journey than to wait for a 100% charge.
- If you don't have a smartphone then you should consider getting one to help charging the car at public charge points:
  - Available charge points can be located on a map
  - The help centre can be contacted if necessary.
  - Payment can sometimes be made using the supplier's own app.

### 9.1.3 Finding Chargers

- Maps are available on smartphone apps or the internet. Don't assume any one map will show all chargers.
- Google Maps can be set up to show EV chargers.:
  - Search on EV charging Stations.
  - Tap the three lines at the top left to set filters.
  - See the map for the positions of chargers.
  - Tap the pin to see details of the chargers.
- The [ABRP](#) app does show chargers on a route and provides suggestions where to charge.

## MG4 Trophy – How do I charge the car battery?

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- The [Electroverse](#) app and website from Octopus energy show most chargers and have maps for finding chargers and planning a route. An Electroverse card from Octopus sets up chargers of affiliated suppliers (shown on the app and website) and provides a discount. The card is linked to your Octopus Account or a credit card, if you don't have an account.
- Other apps are available from [Zap map](#), [Plugshare](#) and others.
- Individual charge point suppliers may have their own maps. Some Tesla chargers are open to all cars – their app gives details.
- It's worthwhile planning a route, deciding which chargers to use (with a plan 'B') and checking if it is worthwhile downloading their app and/or getting their card. They may work if a 'contactless' debit/credit card doesn't.
- Maps usually have 'filters' to select charging points which have a particular speed range, supplier or plug type. Check these, otherwise not all locations may be shown. Note that the Electroverse app may default to showing only those suppliers using the Electroverse card, which can be turned off.
- Maps generally show whether a charger is available, occupied or out-of-order. This facility is useful if you are intending to use a popular charging location, or where there are only a few chargers.

### 9.1.4 Paying

- Payment method varies with the supplier and type of charger.
- Always follow the instructions. Some charge points may
  - Require authorisation first, using their app, charge card or a debit/credit card
  - Connection with the car first to establish a 'Handshake'.
- Those companies requiring authorisation first do this to establish that the card will accept the cost of electricity. This debit may be as much as £50 and may not clear from your credit card account for several days, even if the charge fails for some reason. Make sure the credit card will accept this amount.
- Payment may be made with:
  - a contactless debit or credit card. NOTE: don't assume this – payment may be required by the supplier's app or their own card – particularly for untethered street chargers. Research first.
  - Apple/Google/Samsung Pay– less likely to be denied.
  - a phone app from the supplier. (You will need a signal).
  - a card from the company. Some apps or cards (for example the BP Pulse app) require credit card details or a deposit before they will work.
- One company, Fastned, is developing 'Autocharge'. At the first charge, the car is registered using their app. On subsequent charges, the car's unique code is recognised and charging begins automatically when the car is connected.
- It's worth planning which chargers you will use during a trip and looking at any payment instructions on their websites. It might be worth downloading any apps from companies providing chargers. Consider Electroverse (who provide a card for paying a range of suppliers), BP Pulse, Plugshare, ChargePlace Scotland and Tesla (some chargepoints are open to non-Tesla cars).

### 9.2 Charging the Trophy

The User Manual section starts around page U164 and should be read as it contains important details and safety notices. The information below is only a summary.

#### 9.2.1 Energy management (E82)

- Tap the *Home* screen charging box to see the three energy management screens: *Charge settings*; *Discharge Settings*; *Energy Consumption*.
- The *Charge settings* screen shows:
  - The SoC (State of Charge) as a percentage of the full battery, as a figure and green bar.
  - The number of miles estimated to be travelled, based on previous consumption.
  - The AC charging current limit (in Amps). Set this if your supply is limited.
  - A bar on which to set the maximum SoC when charging. This would usually be 80% (for the Trophy) unless about to go on a long trip when it would be set at 100%. It increases in multiples of 10%.
  - An indication as to whether the charging door is open or closed.
  - A symbol of a lock to show whether the plug is locked into the socket.
  - A button to tap to start charging (if the charging cable is attached).
  - A settings symbol (gearwheel) to bring up a screen to set up scheduled charging. This is useful for charging on cheap rate electricity. If the car fails to charge when you are expecting it, check that a schedule is not set.
- *Discharge setting*: see below.
- *Energy consumption*: shows the electricity consumed since the start of the journey and since the last charge; the energy flow in the car; the consumption over the last 50 miles. This last graph shows the average miles per kWh which is useful when estimating range but it is very dependent on the road conditions.
- The *Intelligent warming switch* is useful if charging is to start at its optimum level, especially in cold weather, but it does use battery power. You may get a message requesting whether to start intelligent warming when powering up, if the battery is cold.
- Cold weather also reduces the range. That is, the distance available from the battery.
- The 4 lights around the charging socket also indicate the state of charge: 1 light 0-25%, 2 lights 26-50%, 3 lights 51to75% and 4 lights 76 to 100%.
- The car will not necessarily charge at the maximum rate, or at a consistent rate, of kW:
  - The battery may require heating before charging.
  - The charging rate above 80% SoC will drop to protect the battery.
  - The electronics within the car will vary the rate depending on the battery condition (see also 9.2.5 - Equalisation).
  - The charger may vary the rate, depending on the power available to it.

#### 9.2.2 Home charging (U172, U180)

- To charge using residential charging (13A socket or installed charging unit):

## MG4 Trophy – How do I charge the car battery?

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- If necessary, set up the charging schedule on the car, or charger but not both as they may interfere with each other.
- Power OFF the car (*Vehicle settings>Safety>Power off*).
- Close all doors.
- Open the charging port door (U175) (lights around the socket: GREEN).
- Insert the plug from the 13A socket or charger (lights: BLUE).
- Lock the car.
- Wait around 30 seconds for the car to 'Handshake' with the charger.
- If necessary, instruct the charger to begin charging. (Note that the plug is locked in during the charging process), or switch on the 13A socket (or plug in the 13A plug) Lights: Pulsing GREEN.
- **NOTE** that unlocking the car, including the boot, may turn off the charging. You will need to sit in the car and turn on the *Home* screen. Then tap the 'Start' buttons at the bottom of the *Home* or *Charge Settings* screens.
- Tap on the *Home* screen charging box to bring up the *Charge Settings* screen. This shows the charging speed (kW).
- Additional information on charging with a granny charger:
  - The supplied granny charger box has three lights: Power; Charging; Faults. A table on the base gives the status of charging depending on the lights shown.
  - When the charging light on the box shows a constant green, it is charging. If the green light flashes slowly, either it is ready to charge during the scheduled times or is waiting to charge because the car has been unlocked.
- When charging with an installed 7kW charger, follow the manufacturer's instructions.
- Residential charging: To stop
  - Turn off the charger.
  - Unlock the car.
  - Disconnect the plug. If this is not unlocked, check the lock symbol on the *Home* or *Charge settings* screen - it should show a locked padlock. Tap it to open it and it should be possible to remove the plug. If not, try locking and unlocking the car.
  - The plug can be removed manually (U167). Remove the trim plate on the left hand inside of the boot and pull the release cable handle, keeping it taut while the plug is removed.
- Powerline adaptors (used for sending internet communication over the mains) can interfere with home chargers.

### 9.2.3 Public charging (DC-U179, AC-U173)

- If you are going to use untethered chargers (typically street chargers up to 22kW) you will need to buy a suitable cable rated at 7kW, single phase, with type 2 plugs, unless one has been supplied with the car. If your car charges at 11 kW (that is, it's not a 2023 Long Range Trophy), you will require a three-phase cable rated at 11kW, or more.
- Public chargers are provided by a variety of companies. The cost per kWh varies with the company and speed of charging. Typically, slow chargers are around 60p per kWh and rapid chargers 80-90p per kWh.



## MG4 Trophy – How do I charge the car battery?

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- It's worth planning which chargers you will use during a trip and looking at any instructions on their website.
- Park with the charging socket as close to the charge point as possible, otherwise the tethered cable may not reach.
- Follow the instructions on the charger.:
- Use the supplier's app if possible (if you don't have their payment card you may have to). You will find out if the charger is faulty and may reduce the chances of your payment being declined.
- Remember, the charging rate will slow over 80% SoC. If drivers are waiting, it's polite to stop charging.
- Some drivers have reported that, when using a DC charger, it is advisable to hold in the plug firmly while a connection is established and when the supply is stopped.
- ISmart can be used to monitor the state of charge (12.1.5).
- If, at the end of charging, the plug will not come away from the car socket, try locking and unlocking the car, using the key.

### 9.2.4 Rebalancing - Equalisation (U183)

- After a time, the individual cells in the battery may be storing slightly different charges, which inhibits the performance of the battery. This is cured by rebalancing the battery.
- Rebalancing is achieved by slow charging the battery (that is using a charger up to 11 kW) to 100%.
- It will lengthen the recharge time to 100%.

## 9.3 Features

### 9.3.1 Electricity from the car - Discharge (U188, E84)

- Using a suitable plug and cable (search the web) it is possible to obtain 240 volts from the battery. The lead is known as a V2L connector.
- This is done by inserting the plug into the socket normally used for charging. The lights will turn blue.
- Set up the discharge from the infotainment screen. On the *Home screen* tap the battery details and choose the *Discharge Settings* tab. Tap 'Start discharging'.
- Output depends on the plug and cable. Up to 3kW is the usual power but more (possibly up to 7kW) can be provided by a suitably rated plug and cable.
- To stop discharging, tap the button. Remove the plug.
- Discharging will stop when the SoC reaches 20%.



## 10 How do I change the carrying capacity?

### **10.1 Boot floor (U249)**

- Clear the boot.
- Lift up the floor using the tag and pull it to remove the floor.
- If the floor was level with the lip of the boot, fold the flaps under at either side of the floor and replace it to lower the floor.
- To raise the floor, reverse the above procedure.

### **10.2 Seats down (U118)**

- Remove or lower all head restraints.
- Pull the levers at the door side of the seats to release and lower them.

### **10.3 Remove foam**

- The tyre repair apparatus is held in a foam sheet under the boot floor (U263). To create more room for storage, this may be removed by undoing the two plastic nuts.

# 11 How do I change other settings?

Some settings still haven't been covered in this guide. They are mentioned below.

## 11.1 Driver display (Instrument pack U32)

- An annotated screen display is shown in appendix C.
- The 'Message display' (U34) on the right-hand side of the screen can show information on: Tyre pressures and battery voltage; Trip Computer; Navigation; Settings; Multimedia.
- To access this menu, press the right, middle button on the steering wheel. This toggles the display between the Message Display Menu (visible as a strip of horizontal symbols on the top right of the screen – see appendix C) and menu item to be displayed (Navigation, media, trip computer).
- The Function Adjustment Button on the right is used to move around the menu (up/down/left/right) and confirm (short press).
- A long press on the button resets the information.
- *Tyre pressures*: shows the tyre pressures and battery voltage.
- *Trip computer*: shows various mileages and consumption.
- *Navigation*: shows messages from the main navigation screen.
- *Settings*: changes
  - display brightness.
  - the speed limit of the overspeed alarm. Set this to off or the maximum speed beyond which an alarm will sound.
  - when the next service is due.
- *Multimedia*: shows details of radio or music playing.
- Warning messages appear in the message centre (U35-50).

## 11.2 Function buttons (U100)

- The functions of the two buttons with a star on either side of the steering wheel can be changed from the *Vehicle settings>Convenience* screen using the top two menu items.
- The options are:
  - *Energy recovery*: Pressing the button scrolls through the regenerative braking levels.
  - *Drive modes*: Pressing the button scrolls through the drive modes.
  - *Air conditioning*: allows RHS adjustment button to adjust air conditioning as shown on the *Home* screen. (The LHS button does not adjust the air conditioning)
  - *360 view*: puts 360 on *Home* screen.

## 11.3 Home screen (Appendix B) (U97 & E11)

- Time and weather (E90)
  - Shows the weather over the next 5 days.
  - Settings for temperature (C/F) and scale (metric/imperial) can be changed.

- CarPlay and Apple Android: (See chapter 12.

### 11.4 Home2 screen (U98 & E13)

Obtained by swiping left on the *Home* screen and tapping the appropriate button. The options which have not been previously covered are:

#### 11.4.1 User

This button displays four tabs, which link to the iSmart app. See chapter 12.1 for more detail.:

- *Account*: Shows details of the car and a QR code to log the iSmart app on the phone. In the iSmart app, go to the *Personal Profile* screen, tap the top right symbol to get the QR code reader and scan the QR code to login to the car's screens below.
- *Travel Plan*: Shows travel plans sent from the iSmart app. Swipe left to delete.
- *POI (Points of interest)*: Shows favourites sent from the iSmart app. Swipe left to delete.
- *Message*: Shows messages on the iSmart app.

#### 11.4.2 Video.

- Shows the videos available when a USB stick is plugged in (U106 & E32).

#### 11.4.3 Settings

- See the Infotainment settings section 11.5 below.

#### 11.4.4 MG Touchpoint (U110):

Shows three tabs:

- *MG Dealers*: local MG dealers.
- *MG Service*: Local service garages
- *Test drive*: allows booking of a test drive.

### 11.5 Settings (U110 & E21)

- Tapping this button (*Home2>Settings*) gives a screen for setting preferences for the infotainment system.
- The menu topics (below) are listed on the right and the menu options listed when these are highlighted.
- The *Settings* screen can also be obtained by swiping the *Home* screen from the top down to get the *Shortcuts* screen and tapping the gearwheel (Appendix D).
- Note that the Infotainment System manual contains menu items not available on the car, such as USB contents.

#### 11.5.1 General (E22)

- *Brightness*: adjusts infotainment screen brightness on a slider.
- *Background Theme*: Auto (darkens when lights are on), dark: light.
- *Language*: sets the language for the screens.
- 24hr format: ON/OFF.
- Use GPS time: (ON/OFF). (I keep this ON).

## MG4 Trophy – How do I change other settings?

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- Time zone: For the UK select GMT+00.00 London.
- DST (Daylight Saving Time): ON/OFF. Turn OFF, if you are using GPS time.
- Distance: km or miles.
- Show clock: ON/OFF
- Preview (of clock): This only seems to apply to the clock face shown when the screen is turned off in the *Shortcut* screen (Appendix D - swipe from top of *Home* screen).

### 11.5.2 Bluetooth

- Links to a smartphone. See Chapter 12.2

### 11.5.3 Wireless network (U111)

- The car can connect to a local wireless network. The benefits are not clear. It may allow 'Over the air updates' in the future or route internet traffic through this network as opposed to the mobile phone network.
- Wireless network: ON/OFF
- Connected currently: the name of the modem currently connected.
- Choose the network: modems currently within range. The padlock denotes whether they are 'secure' (need a password).

### 11.5.4 Vehicle Hotspot

- Allows a wireless access point. See chapter 12.5

### 11.5.5 Data traffic management

- When ON shows the data traffic (but I'm not sure where!)
- On-line entertainment network switch: ON/OFF.

### 11.5.6 Voice (U112)

- Some functions of the car can be operated by voice control (for example: navigation E81) when the top left button on the steering wheel is pressed. It can also be programmed to speak 'greetings' on power up.
- *Language*: sets the language of the voice
- *Hello MG*: Turns on voice commands for the car, such as navigation. **NOTE**: this setting may affect voice control using Android Auto.
- *Greeting switch*: greeting ON/OFF.
- *Greetings*: set up the greeting.
- *Tyre pressure monitoring alarm*: warns of low tyre pressures ON/OFF.
- *Low battery alarm*: warns of a low battery ON/OFF.

### 11.5.7 Volume setting (E24)

- *Vehicle alerts*: sets volume on a sliding scale. This may also affect the clicking sound when turning indicators are used.
- *Voice*: sets volume on a sliding scale.
- *Decrease during broadcast*: ON/OFF.
- *Key sounds*: ON/OFF. Turns the sound off when tapping a screen symbol/button.

## MG4 Trophy – How do I change other settings?

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- *Incoming call ring tone*: ON/OFF.
- *Loudness*: ON/OFF. (From the web: Loudness equalization simulates human hearing to accurately measure the loudness—as opposed to intensity—of an audio source. It then uses dynamic gain adjustment to keep the loudness of different sources more nearly constant. Loudness equalization can thus affect both dynamic range and peak loudness.)
- *SDV*: Speed Dependent Volume Setting. Increases the volume as the car's speed increases to counteract road noise.
- *EQ*: Equalisation: gives scales that change the balance of the sound.
- *Sound field balancing*: allows the centre of the sound to be moved
- *Rear seat silent mode*: Mutes rear speakers.
- *Arkamys 3D sound*: aims to create better sound. Options are: All passengers/Driver/OFF.
- *Virtual subwoofer*: Boosts the bass: ON/OFF.

### 11.5.8 System (U112 & E25)

- *Upgrade*: Used to upgrade system software if this facility ever becomes available to the user.
- *Entertainment system version*: Gives serial number. The last three digits are usually quoted. For example, R40.
- *Telecommunications version*: Serial number
- *Map & VR Data USB Upgrade*: Allows mapping data to be upgraded from a USB stick which has been loaded with data downloaded from the web.
- *Restore to factory settings*: restores all settings to what they were when the car left the factory or, more probably, the pre-delivery inspection check at the docks.

### 11.5.9 Activate (U112)

- You may get the message 'Please activate the head unit first'. This should have been done by the dealer, in which case the option may not appear.
- Otherwise follow the instructions. If that doesn't work, contact your dealer.

### 11.5.10 Privacy notice

- Contains end user licence agreement. Scroll to the bottom to agree and set the switches for the systems affected.
- **NOTE**: you may need to do this if the function doesn't work properly.

## 11.6 Shortcut Screen (Appendix D)

- This screen doesn't seem to be specifically mentioned in the manuals, just obliquely as, 'The Infotainment Display'.
- The screen provides 'shortcuts' to options available in the *Vehicle settings* and *Home2>Settings* screens, with some additions.
- Vehicle
  - *Lock the doors*: looks all doors (2.2.3).
  - *ESC*: Turns off the stability control functions (4.3.15). Use if snow chains are fitted.
  - *Autohold*: turns Autohold on and off (3.2.3).

## MG4 Trophy – How do I change other settings?

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- System
  - *Wi-Fi*: Turns the connection to a Wi-Fi router On and OFF (11.5.3).
  - *Bluetooth*: Turns BT ON/OFF (12.2.1).
  - *Vehicle Hotspot*: The car acts as a Wi-Fi router. Turns this ON/OFF (12.5).
  - *Screen off*: Turns the screen ON/OFF. There is an option to show a clock (11.5.1)
  - *Data Traffic*: Turns this ON/OFF (11.5.5).
- Brightness and volume (7.1.1). Sets these.
- Gearwheel: Shows the *Home2>Settings* screen (11.5)

# 12 How do I link a smartphone?

## 12.1 MG iSmart app

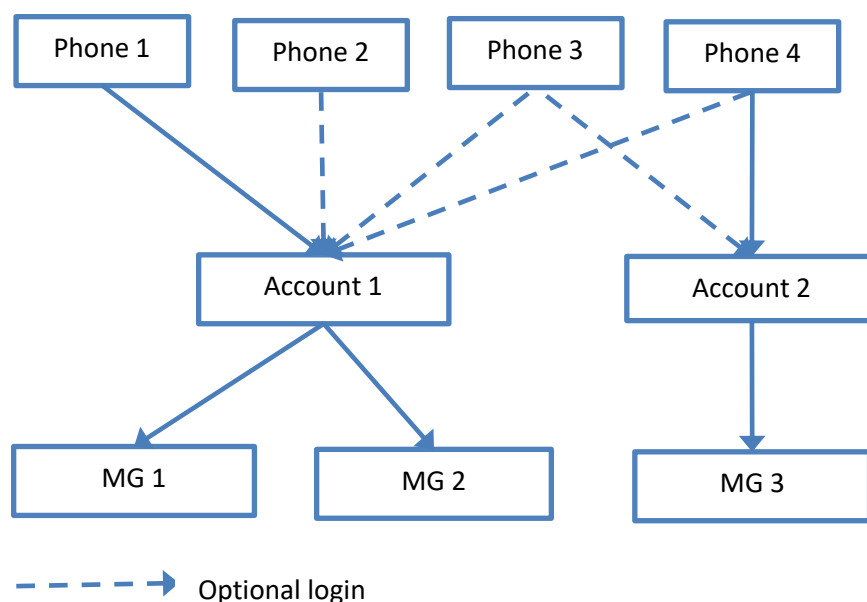
- This app allows information on the car to be displayed on a smartphone and instructions to be issued to the car from the smartphone.
- A suitable phone may be charged on the phone charging pad (U68) (Appendix A).
- The guide refers to version 2.0.2 of the app running on an Android phone. This is a new version and the infotainment manual may not have been updated, so there are no references to the manual.

### 12.1.1 Setting up

- Ideally the dealer should assist in setting up iSmart on your phone.
- Check that:
  - The phone and car have a Wi-Fi or mobile data connection. The strength of the car's signal is shown on the top right of the *Home* screen.
  - The car's time and phone time are the same (11.5.1).
  - You have agreed the Privacy Notice (11.5.10).
  - If the car is second-hand, that the previous owner has 'unbound' their iSmart account. If this has not happened, the dealer (or you) will have to contact MG for them to unbind the account (12.1.12)
  - The dealer has not bound their account to the car. This shouldn't happen but if your iSmart app won't bind to the car, it could be an explanation.
- There may be videos available on YouTube (Note that the menu options on the phone as shown on the video may not be those on your phone due to updates).
- The following stages are involved:
  - Install the app on a phone.
  - Register the account using a mobile phone number or e-mail
  - 'Bind' the account to the car
- *Download the app:*
  - From Google Play store or Apple's App Store (search on MG iSmart).
  - By scanning in the QR code on *Home2>User>Account*.
- Start the app, agree to conditions (if appropriate) and tap 'Start'.
- *Register the account* by tapping 'Register' on the front screen and set up the account with a mobile number (no '0') or e-mail. You will be sent a verification code. (If you don't get a code from using a mobile number, use your email address). Enter this.
- Choose a password. **NOTE:** make a note of the password and the phone number OR e-mail used to set up the account. You will almost certainly need them in the future and you **MUST** use the mobile number OR e-mail used to register the account. If you use the wrong one, this could result in setting up a duplicate account. The Forum has several threads on the problem. Tap 'Register'.
- *Bind the account to the car.* You next need to 'bind' the car to the account you have just set up. From the phone's iSmart front screen, tap the bottom right icon (a 'face') to get the *Hello MG iSmart* screen.
- Tap the top right box, which will give you a camera for scanning a QR code.

## MG4 Trophy – How do I link a smartphone?

- To get the QR code: on the car's screen, swipe the *Home* screen right to get *Home2*. Tap the 'User' button to see the account tab. Tap the 'Person' button on the left of the screen to get a QR code. Don't scan this.
- Tap 'Account Login' beneath the code.
- EITHER
  - Type in your e-mail/mobile number and password.
  - Tap 'Start login'.
  - Centre the QR code in the Smartphone's square.
  - You will be asked to set up a four-digit security code. Input this and make a note of it!
  - You should now see the *Vehicle Management* screen on the phone with the car's details.
- OR
  - Tap 'Start login'.to get a QR code.
  - Tap the car's name at the top left of the smartphone screen to get the 'Vehicle Management' screen.
  - Tap '+' on the top right of the smartphone screen to get the camera for a QR code.
  - Scan in the QR code.
  - On the Car's screen, tap 'Connect vehicle' (towards the top left). Two QR codes will appear.
  - Tap 'Add Vehicle' on the smartphone again and centre the QR code on the right.
  - You will be asked to set up a four-digit security code. Input this and make a note of it!
  - You should now see the *Vehicle Management* screen on the phone with the car's details.
- An account can be used on several phones but only one can be connected at any one time. It is the account which is bound to the car, not the phone. One account can be bound to several cars. A phone can be used to access several accounts, logging into each as required.





- Be aware that accessing the car using iSmart may overwrite any settings set up using the car's screens (SoC, for example) with the settings in iSmart.

### 12.1.2 Starting

- Tap the MG iSmart icon on your phone. If required:
  - enter the phone number, choosing the country code and entering the number with no zero, OR enter the e-mail address, that you originally used to set up the account.
  - Enter the password.
  - Agree to the User agreement and Privacy Policy just below the 'Login' button. You may need to 'Zoom out', or scroll down, or change other phone settings, to ensure you see the whole screen.
  - Tap the Login button. If this is 'greyed out', all the required information has not been entered correctly.
- At some stage you may also get a security code sent to your phone or e-mail address.
- The *MG* screen should appear showing the car's name, remaining range, SoC, location and other information. To update the information, tap the shield icon at the base of the screen.
- You may see a brief message, 'The digital key is not activated'. Ignore it.
- You will have to login if another phone has been logged in to the account (a warning message should be displayed). Enter your password on the login screen.
- If no contact is made, the car may have gone into a 'deep sleep' if it has not been powered up for around 24 hrs. If so, unlock it and re-lock it.

### 12.1.3 Front screen (MG screen)

- Swipe down to update the details shown.
- At the base of the screen there are five icons:
  - An 'MG' symbol, which displays the front screen (*MG* screen).
  - A shield with a heart trace which displays the vehicle status page (12.1.6).
  - A location pin which displays the map page plus search options (12.1.7).
  - A messages page (12.1.8).
  - A personal data page – 'Hello MG iSmart' (12.1.9).
- Tapping the car's name at the top left of the screen shows the *Vehicle Management* screen:
  - The '+' in the top right car provides a QR code screen to scan in the code from a car to be added.
  - The car's name, battery SoC, and range are shown (although the range may be blank).
  - Tapping the blue flag gives a small screen with the car's name (can be edited), model number, Brand, Model Year, Colour and VIN.
  - A button is at the base of the screen to start the 'Unbind' process (12.1.12). (Posts on the Forum indicate that you shouldn't do this if you wish to keep the car 'Bound', even if the app instructions suggest it).
  - Tap outside the small window to close it.

## MG4 Trophy – How do I link a smartphone?

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- The car's range is shown above a picture of the car, although it may just show two bars. If the unit of measurement is in km and you require miles; tap the bottom right 'face' icon, tap 'Measurement' on the 'Hello MG iSmart' screen, choose 'Metric System', Confirm and then 'Imperial system', Confirm.
- Two small squares under 'Battery Range' show whether the car is connected to wireless and/or Bluetooth. If connected, wireless is green and Bluetooth (BT) is blue.
- The car is unlocked and locked over wireless by tapping the appropriate symbols. Unlocking requires the four-digit code set up when iSmart was set up. The car needs to be powered down. Locking does not require the code.
- The car may be unlocked using a Bluetooth key on the phone (12.1.4).
- Battery links to the *EV Management* screen (12.1.5).
- The air conditioning can be switched on for 10 minutes using the switch icon. **NOTE:** it may not work if a charging cable is plugged in (depends on car model and software versions). Enter the 'locking' code.
- Set the AC temperature by tapping the arrow to see the *HVAC* screen, bearing in mind that it may need to be about 6 degrees higher than required due to a software error. Tap the 'Send' button at the bottom.
- The 'Find Car' box shows:
  - The location of the car. It may be a few meters incorrect if the GPS signal is not strong.
  - The blue car icon button shows the car's location on a map. A route to the car can be shown, or the car horn sounded.
- Tap the Seat Heating box to show the *seat heating* screen. Tap the setting below each seat to set the heating level (High/Medium/Low). Tap the 'Send' button at the bottom.

### 12.1.4 Digital Key

- Turn on the Phone's Bluetooth if necessary and ensure it is connected (12.2.1). **NOTE:** the R40 version of the car's software is prone to drop the Bluetooth connection, so don't rely on it.
- *Activation:* Tap 'Digital Key Management' to show the Digital Key screen and tap the car to show the status of the connection. Tap 'Activate' and follow the instructions.
- *To unlock:* Tap 'Digital Key Management' to show the Digital Key screen and tap the car to show the status of the connection. The top left button should show 'Connected'. Tap 'Connect' (top right button), if necessary. A 'Success' box should appear. Tap the unlock symbol to unlock the car. A confirmation box should appear. A blue BT symbol should appear underneath 'Range' on the front screen.
- *Keyless start:* Sit in the car, belt up and press the brake pedal to go into ready mode. When 'Keyless' start is no longer greyed out, press the button to drive the car. A confirmation box should appear.
- *To lock the car:* Power the car down (*Vehicle settings>MG Pilot>Safety>Power off*) and leave the car. Press the lock symbol. A confirmation box should appear,
- *Disable:* Removes the digital key.
- *Share:* This screen provides the opportunity to share the key with someone else.

### 12.1.5 EV management

- Tap the Battery section to get the *EV Management* screen which shows the SoC and whether charging and battery heating are in progress.

## MG4 Trophy – How do I link a smartphone?

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- Shows the charging status of the car, which is useful when charging on a public charger, since you don't need to be in the car.
- When charging, the screen shows estimated mileage to 0% SoC, time remaining to charge to target level and charging current in kW.
- A switch turns on battery heating.
- The 'Start Charging' will start charging immediately, provided the supply from the charger is available.
- The 'Bolt' (top right) opens a screen to set the charging target level. Scheduled charging time and Scheduled battery heating time.
  - Tap the percentage figure to get a sub-screen to set the target. Confirm.
  - Be aware that if a target SoC is set up in the car (9.2.1) accessing this screen may overwrite the car's setting with the setting on this screen.
  - If required tap the Scheduled charging and Scheduled Heating lines to turn them on and set schedules. Tap the 'Save' button.

### 12.1.6 Vehicle Status

- Tap the shields with the heart trace to scan the car's statistics such as tyre pressures and battery voltage. Scroll down to see all the information.
- Expand 'Door Status' and 'Tyre Status' to see more detail.

### 12.1.7 Map Pin

- Shows the location of the car on a map.
- Allows the creation of a travel plan which can be sent to the car (see 11.4.1 User).
- Destinations can be determined by:
  - Using the search bar and typing in the destination. A new screen appears showing options. Select the desired destination. A screen appears with the destination and four buttons on the base:
    - 'Send to car' (paper plane). This will display the message, 'Sent to car' but it does not appear in the car's travel plans (may depend on the phone's operating system, or the car's software version).
    - A star. This will mark the destination as a 'favourite'.
    - A schedule and + symbol. This will allow a schedule to be set up and sent to the car. This does seem to work, with the trip appearing in the Travel Plan tab on the car's iSmart screen (11.4).
    - 'Go'. Asks whether to use 'Google' or 'Here' maps, or cancel.
  - Selecting the 'Favourites' star and left swiping to send the favourite to the car. However, tapping a Favourite doesn't select it as a destination!
  - Selecting a topic from the menu at the base and choosing an item from the list, which gives the same screen as search. An item can be marked as a 'Favourite'.  
**NOTE:** The distances given are 'as the crow flies'. They ignore obstacles such as rivers and the distance may therefore be more when the map is selected. The list may include locations which have been closed, so make further checks before setting out. The 'More' button allows the items appearing to be determined.
- Tapping the *Star lists* shows the favourite addresses set up. Up to 10 can be tagged in each of: Home, Work or School. Swipe left to
  - Send to the car, where they appear in the iSmart PDI (points of interest) tab (11.4).

- Choose the category.
- Delete the item.
- The calendar shows events from your Google calendar.

### 12.1.8 Messages

- Tap top right to see messages
  - *Alarm*: Shows messages generated by the alarm systems, for example when the vehicle was started.
  - *Command*: Shows warning messages issued by the car. This includes Travel Plans set.
  - *News*: Doesn't seem to have any content.

### 12.1.9 'Hello MG iSmart' screen

- The top right symbol gives access to a QR code reader which might be necessary to register or log on.
- Tap the headphone symbol at the top left of the screen to see the Rescue Call screen which should be set to the UK (or your country).
- *Security settings*:
  - the telephone number, e-mail (if used to login) and four-digit code can be changed on this screen
  - If the account is not bound to the car, tap the option to start the binding procedure.
  - Biometrics: switch this on for the phone to use its inbuilt features, such as face recognition. (Does not apply to all phones).
- *Alarm*: Sets options for receiving alarms on the app if the car is started or detects a fault
- *My travel plan*: Shows travel plans set up under 'Map Pin' (12.1.6). They appear in the Travel Plan tab on the car's iSmart screen (11.4). Swipe left to delete.
- *Language*: Sets language of iSmart.
- *Measurement*: sets units of distance to be displayed as imperial (miles) or metric (km).
- *Manual*: allows manuals to be downloaded to the phone. See 12.1.8.
- *Skin settings*: Sets the background colour of the phone screen (white only for this version)
- *Settings*:
  - *Update*: Should update iSmart but doesn't seem to. Use Google Play or iPhones equivalent.
  - *Clear cache*: Clears the phone's memory storage of frequently used data such as maps which is stored to speed up the app. It shouldn't clear user data, such as favourites. If the app shows incorrect information, clear this.
  - *Privacy policy*: Sets up agreement with MG's privacy policy. Also done through the car's settings screen (11.5.10)
  - *Customer agreement*: Shows this agreement.
  - *About MG*: Two options: A Short history of MG and *Rating* which shows the Google Play screen for iSmart, which allows rating of the app.
- *Logout*: Logs out of the account. This will allow another user (phone) to login to the account.

- *Delete Account*: Deletes the account. This will also 'Unbind' the car from the account and prevent other users from using it. Do this when selling the car.

### 12.1.10 Downloading car manuals to a computer

- The relevant car manuals are likely to be those on the car's Infotainment system, so if you want to read them away from the car, or print them out, they will need downloading.
- On your smartphone, on the iSmart app, choose the menu item 'My Profile' and then 'User Manual'. Tap the manual(s) to download them.
- On the smartphone, using an app like 'ES File Explorer' search for pdf files. Hopefully it will find files named:  
'com.saicmotor.iov.europe\_eh32\_navi\_manual\_EN.pdf\_V1\_E\_MANUAL.pdf' and  
'com.saicmotor.iov.europe\_eh32\_owner\_manual\_EN.pdf\_V1\_E\_MANUAL.pdf'.
- The next step will depend on the file explorer app you have used. For ES File Explorer, tap the symbol for the file and it will give a list of options such as opening it with Adobe Acrobat or printing it.
- If you wish to view the file on a computer screen, open the file with Adobe Acrobat on the smartphone (or similar pdf file reader app), and then 'Share' the file ('<' symbol) in whichever way will get it on your computer. (I emailed mine using 'Outlook' on my smartphone and picked up the email on my computer).

### 12.1.11 Binding another phone

- An account can be bound to several phones but only to one phone at any one time and every phone must use the same account for that car, that is phone number/email and password.
- Download the iSmart app and open it.
- Make sure no other phone is logged into the account.
- You should be prompted for the phone number or email and password which opened the first account.
- The iSmart app should now scan the car.
- If you try to logon when another phone is connected, it will drop the connection of the other phone.

### 12.1.12 Unbind

- Tap the car's 'name' to get the *Vehicle Management* screen.
- In *Vehicle Management* screen tap the blue pennant. (Posts on the Forum indicate that you shouldn't do this if you wish to keep the car 'Bound', even if the app instructions suggest it).
- This will unbind the car from the account, allowing the binding of a new account.
- Tap this and follow the instructions to unbind the account and car.
- Do this before selling the car.

### 12.1.13 Problems with iSmart

- These are many and varied (see the Forum). Some possible solutions are:
- If the iSmart function does not work correctly, check whether there is agreement the 'End User Licence Agreement' (EULA). Swipe the *Home* screen to get *Home2*; tap *Settings*; from the menu on the left of the screen, scroll down to *Privacy Notices* and agree to the iSmart EULA.

## MG4 Trophy – How do I link a smartphone?

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- If the app won't load or run, check the Android or Apple operating system is not too old. Posts on the Forum indicate Android 8 may cause problems.
- Where the app can't access the car:
  - **Recheck that you are using the mobile number or e-mail that was originally used to set up the account.**
  - Carry out the relevant checks in 12.1.1 and 12.1.2 above. Check in particular that the car has not gone into a 'deep sleep'.
  - Check the car has a wireless signal (12.1.3)
  - Check the Bluetooth connection is working (12.2.1).
  - It's possible that the servers running the system are not working, so wait, or ask on the Forum.
- Where the app accesses the car's data but some functions don't work:
  - Wait - preferably overnight after turning the phone off. Faults often disappear for no obvious reason. This is true after receiving messages to 'Unbind'.
  - If problems persist, try clearing the cache (12.1.7)
  - Connect the phone using Android Auto (12.3).
  - Delete the account (12.1.8), delete the app and reregister and bind a new account. This should not be necessary.
  - If problems still persist, try putting your problem on the Forum or talking to your dealer.
- If all else fails – advice from a contributor to the Forum, 'Eventually tried my luck with MG again, got told to email: [customer.service@mg.co.uk](mailto:customer.service@mg.co.uk), requesting a full iSmart reset, including a description of the issue, name/address, VIN and a photo of the front page of the V5. A day later I got a message on my phone saying the car had been unbound, I could then login to the app again and was able to easily rebind the car, been working fine since.' This action should only be necessary if the car was bound to an account to which you have no access, that is a previous owner.

## 12.2 Bluetooth Phone (U110 & E33)

### 12.2.1 Connecting

- Turn on your phone's Bluetooth.
- Go to the car's Bluetooth (*Home2>Settings*) (U108 & E23)
  - Turn Bluetooth ON (Can also be done from the *Shortcut* screen – Appendix D)
  - Change the car's name, if required.
  - Synchronise call history and contacts: ON/OFF
- Connected currently: Shows phones currently connected (only one at a time). If one is connected, you will have to disconnect it in order to connect yours.
- Pairing history: shows phones which have been connected. Tap the 'Pairing cancelled' button to get an option to delete the entry.
- Tap the 'Search' button to connect a new phone, or one that has been disconnected. You will probably have to confirm a code on the car and phone.
- Tap the phone symbol on the right of the *Home* screen. Choose the Contacts tab and click the button to synchronise contacts.



### 12.2.2 Making a call

- Tap the phone symbol on the right of the *Home* screen or press the phone button – the top right button on the steering wheel to get the *Phone* screen with three tabs Recent calls; Contacts; Keypad.
- Tap on a previous call to call or,
- Choose the Contacts tab, select the contact and tap to phone or,
- Choose the keypad tab and type in the number.

### 12.2.3 Receiving a call

- When a call is received, short press the top right button on the steering wheel.

### 12.2.4 To hang up

- Touch the 'Hang up' button on the screen.
- Long press the phone button on the steering wheel – also rejects an incoming call.
- Hang up on the mobile phone (though not while driving).

### 12.2.5 Problems

- Software R40 has a known problem of dropping BT (Bluetooth connections).
- If this happens
  - You may be able to reconnect using your phone.
  - You may have to access the Bluetooth settings (*Home2>Settings>Bluetooth*) in the car and use the 'Connect' button.
  - See your dealer to install software version R46, or later.
  - Use Android Auto or Apple CarPlay.

## 12.3 Android Auto (AA)

### 12.3.1 Connections (U66, U109 & E35)

- A smartphone may be physically connected using a cable in one of three ways:
  - Left socket under the gear knob: this is a USB-A socket for using Android Auto or Apple CarPlay or a USB stick with music/video files. It also provides power.
  - Right socket under the gear knob: this is a USB-C socket for providing power or plugging in a USB stick, not AA or CarPlay.
  - USB-A socket at the rear of the centre console which can only provide power.
- The USB cable must be a high-speed data cable, that is USB 2.0 and above, otherwise Android Auto and Apple CarPlay can fail to connect properly. A high-speed cable is one which has a black, blue, red but **not** white, plastic insert in the USB plug.
- Check the smartphone is not locked **and** is connected to Bluetooth (*Home2>settings>Bluetooth*) as AA uses the Bluetooth connection for audio.
- Wait a few minutes for the car to power up before plugging in the smartphone.
- Plug in the smartphone. The AA symbol on the car's infotainment screen should go black. The AA screen should appear with Google maps. If not, tap the map symbol.
- If the car doesn't recognise the phone, on the phone swipe down from the top left to get the notification, 'Android System'. Tap this to get more options and choose the connection as, 'No data transfer'. It may work.

## MG4 Trophy – How do I link a smartphone?

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- Notifications should appear on the smartphone's front page indicating that AA is connected and, possibly, giving an option of changing AA settings – see 12.3.2 below.
- Note that the USB cable is used for data (maps) but the Bluetooth connection is used for audio (phone, music).
- Help is available online from [Google AA](#).

### 12.3.2 AA options

- The front screen of your phone may display an option to set AA settings ('Tap to open settings'). If your phone does not give this option, on the car's AA screen: tap the symbol (dots) on the bottom right hand of the menu strip to give the *App* screen. Tap the 'Settings' symbol to see the *Settings* screen. Scroll to the bottom to 'See more on the phone' and tap this. This should give you the options on your smartphone.
- Many options are available, including:
  - *Limit Wi-Fi*. Turn ON to turn Wi-Fi off on the smartphone when AA is connected. This may help if you are having problems with AA disconnecting.
  - *Customise launcher*: Determines which apps load when connected. It will load by default: Google maps, MG, Phone and Settings. Decide on the other apps you wish to load ('Hidden apps'). It's useful to load maps showing chargers, such as Electroverse. Scroll to the bottom of this screen and include 'Customise'. When tapped on the car's AA screen, this will show the AA launcher screen on your smartphone. If you wish to play music loaded onto the phone, you will need a suitable music app.
  - *Start AA while locked*. Turn ON to prevent losing AA if the phone is set up to lock as a security feature. **NOTE**: The phone must be unlocked when first connecting.
  - *Show quick controls for apps*: to see your media controls and navigation directions while you use a full-screen app,

### 12.3.3 AA Front screen


- Tap 'Android Auto' on the car's *Home* screen to show the AA front screen. This will show:
  - A Google Maps screen (part screen). Tap the map symbol on the right to get a full screen.
  - A screen for any music app, on the left.
  - A menu strip on the right for regularly used apps including Google Maps, Music, Phone, loaded applications (the bottom icon).
  - A microphone symbol. Tap this to talk to Google or say, 'Hey, Google' or press the top left button on the steering wheel (long hold).
  - The bottom right symbol (the App Launcher) toggles between split screen and apps.
  - If any notifications are pending (top right). These may include unanswered text or WhatsApp messages.
- Loaded applications: these will depend on the settings for AA on your phone. They will include, by default: MG, which will display the *Home* screen; the Phone and Settings.
- Since the loaded apps are those from your smartphone, I'm not providing any instructions for these.



### 12.3.4 Voice Command

- A short press on the Voice button (top left on steering wheel) will turn on the car's voice commands.
- A long press on the Voice button will turn on Google's Assistant. This can be used for navigation commands (12.3.5) or to select music tracks ('Play Artist/track'). It is better than the car's voice control.

### 12.3.5 Google Maps

- A journey can be set up on the Google Map app before connecting the phone to the car.
- The Google phone app has more options than the AA version, which can be set up while the car is parked. Having started the journey, tap the centre of the lower menu (which shows the estimated time, milage and ETA) to get options, including settings.
- The search function at the top of the car's screen enables:
  - A direct search by typing into the search box
  - A list of recent destinations
  - Categories of destination (restaurants, charge points).
  - Saved destinations by category (Favourites, Where to go, Starred. Labelled).
- On the Google Maps car screen, on the right are symbols for:
  - **Settings:** Show traffic (ON/OFF); Show satellite image (ON/OFF); Guidance audio – sound setting below; Route options – separate list for avoiding motorways, toll roads and ferries, and showing energy efficient routes.
  - **Sound:** Sound off (mute); alerts only; sound on
  - **Display:** Cycles through: perspective (3D) (the normal display with direction of travel towards the top); Outline (map of complete route); North up (map with North at the top).
- When the journey has started:
  - Top right box shows current position and next direction.
  - Lower box (from left to right): cancel journey, show alternative routes; search for an intermediate stop; destination information (map pin).
  - Tapping the map pin gives details of the destination, time and miles to it and the option to edit it. Tapping this button allows the addition of additional stops.
- Voice commands can be used:
  - Say "Hey Google" or long press upper left button on steering wheel or select microphone .
  - Tell Android Auto where you'd like to go. Some examples of things you can say are:
    - "Take me home."
    - "Navigate to [location]."
    - "Directions to [shop name]."
    - "Navigate to work."
    - "Drive to [address]."
  - If multiple locations come up, confirm the one you want and follow the directions to your destination.

### 12.4 Apple CarPlay (U109 & E34)

- As with Android Auto, the USB cable must be a high-speed data cable otherwise Apple CarPlay can fail to connect properly.
- Wireless adapters have been used but are not faultless. Check the MG EV Forum for advice.
- A Bluetooth connection is not necessary.
- Connect the cable to your phone and plug it into the left-hand USB socket.
- After a few seconds the CarPlay indicator will light up on the *Home* screen. Tapping this will give the CarPlay menu.

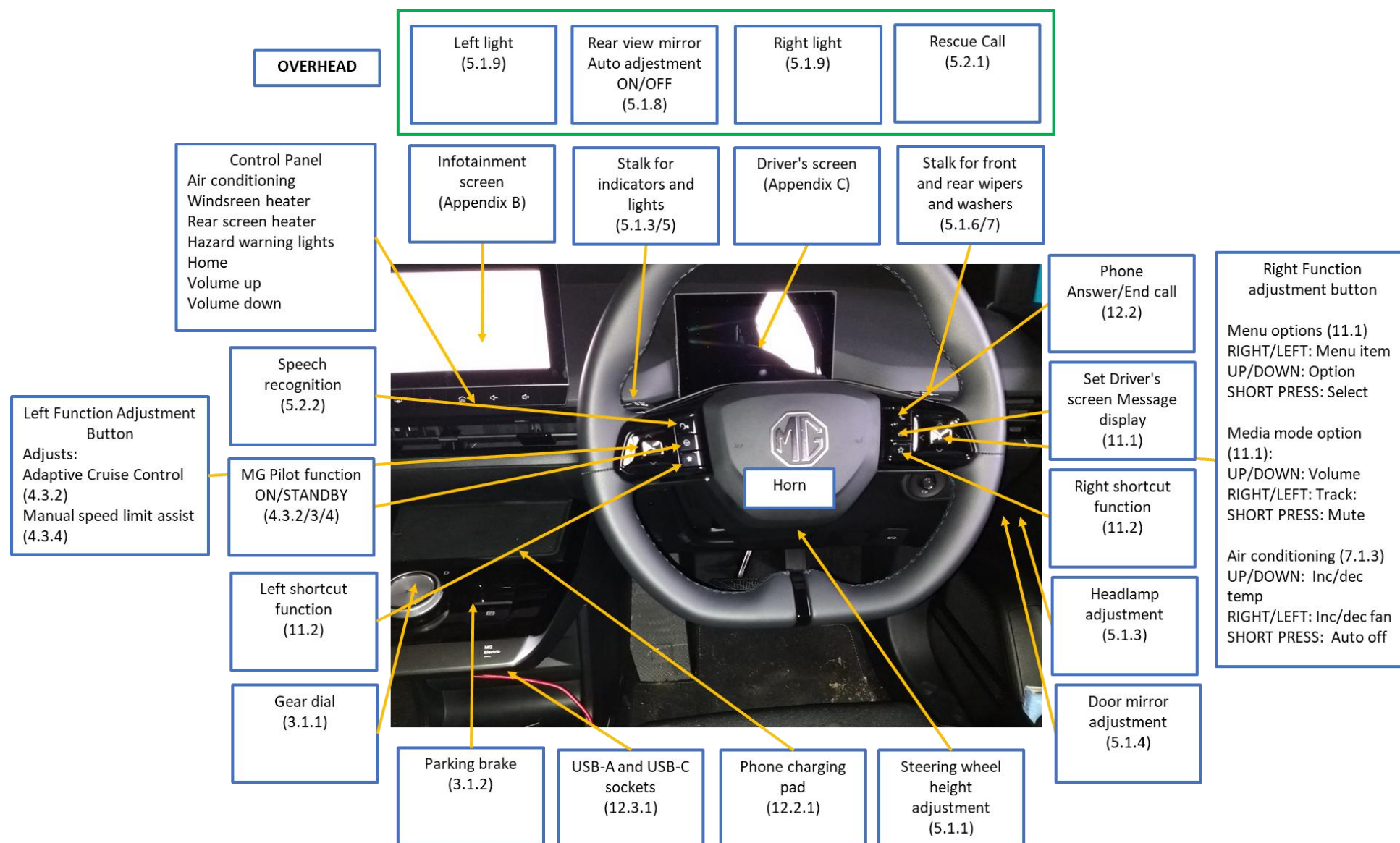
### 12.5 Vehicle hotspot (U111)

The car links to a mobile phone network (it has an esim – an embedded SIM card). It is the centre of a wireless network, and smartphones can link to it, like any other wireless network.

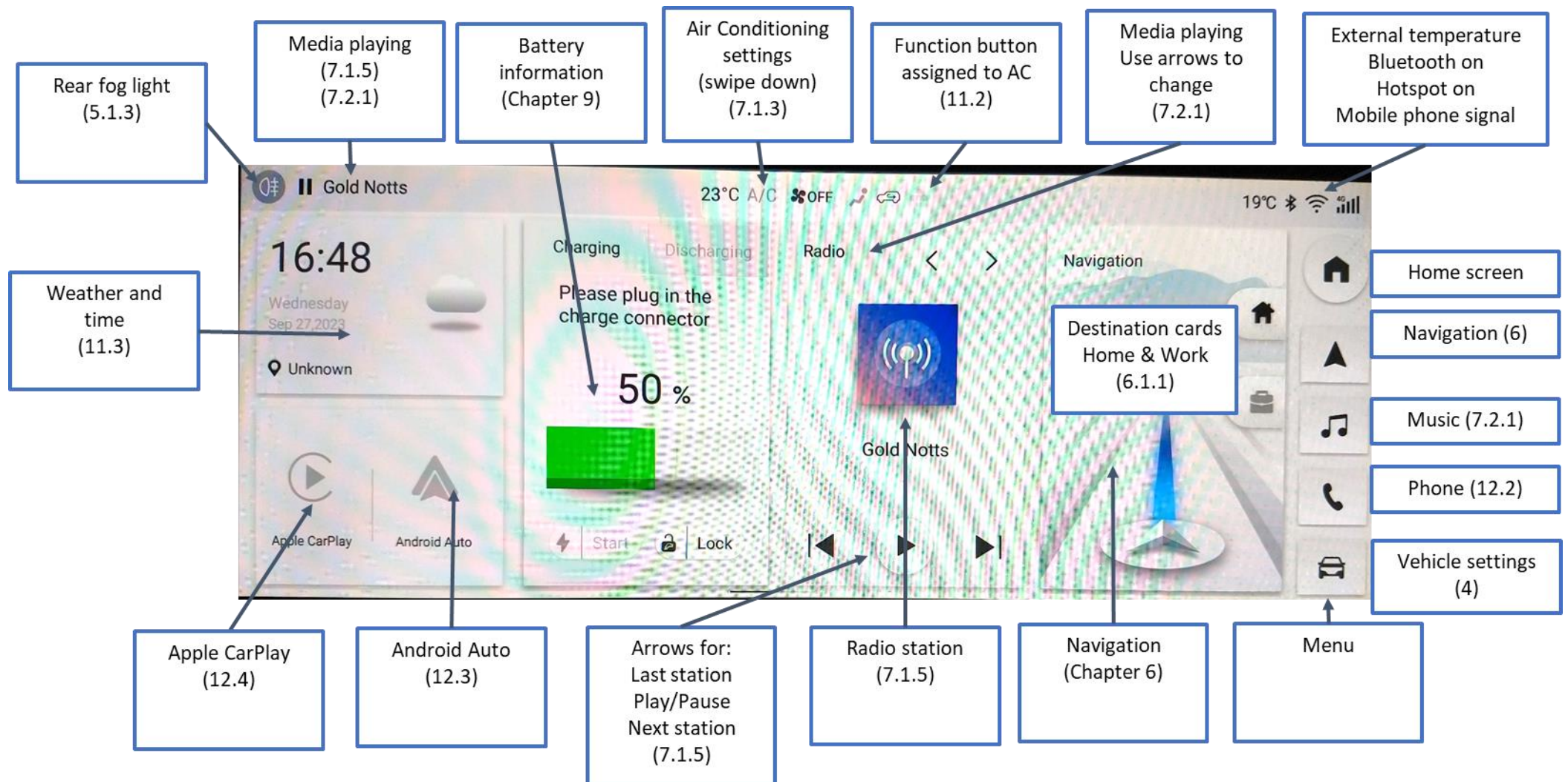
- Either:
  - Go to *Home2>Settings*. Choose 'Vehicle Hotspot' from the right-hand menu Turn it ON through this menu.
  - Or bring up the *Shortcut* settings menu (swipe *Home* screen from top) Tap the appropriate button.
- It turns OFF when the car is powered down.
- When clicked ON the following details are shown:
  - Vehicle name: this can be changed. It is the name seen by a connecting smartphone.
  - Hotspot passcode: the password required to be input into the smartphone. It can be changed; the length must be greater than eight characters.
  - Hotspot network frequency band: 2.4 GHz or 5 GHz. 2.4 GHz supports more devices over a longer distance but is slower than 5GHz.
  - Devices connected: shows the detail of the devices connected.
- When the vehicle hotspot is turned on, you will need to link your phone to it in the same way as any other Wi-Fi network, using the Hotspot password. This should only be necessary once.



## Appendix A - Dashboard (U100)



## Appendix B - Home screen (U97)

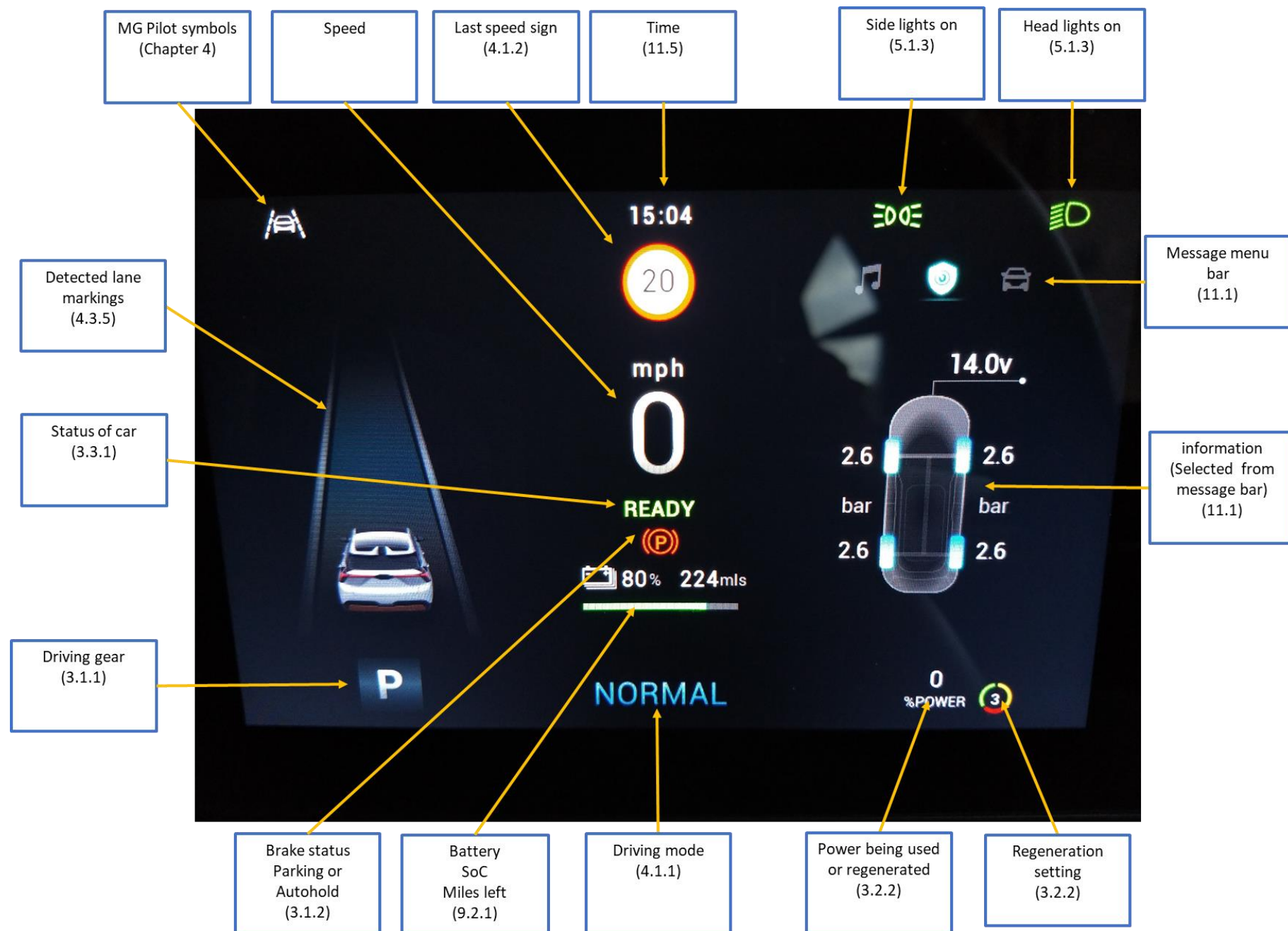


For *Home2* screen, swipe left

For *Shortcut* screen, swipe down from top



## Appendix C - Driver's screen (U30)



## Appendix D - Shortcut screen

Swipe *Home* screen down from top

