

MAP70 Series

'Upgrade'

Many new cars today use the CanBus electrical system which makes fitting conventional alarms difficult to impossible. Mongoose now offers the MAP70 Series of European manufactured and UN certified CanBus 'upgrade' security systems.

Vehicle manufacturers use their own CanBus code which means that each alarm system has to be programmed for each specific vehicle. We can, via computer, pre-programme the unit for your vehicle and also include a vehicle specific wiring diagram and wire location photographs at time of ordering.

Canbus 'upgrade' is easier to **install** than a conventional alarm system.

The **MAP70** models offer a high level of protection with features such as; engine immobilisation, ultrasonic sensors, glass break sensor, bonnet, boot & door protection, true anti-hijack, battery back-up siren for all models, chirp and light flash confirmation of arm and disarm.

The **MAP70R2** model includes 2 remote controls for those vehicles where the original remotes have been lost and replacement cost too prohibitive.

MAP70AU
Ultrasonic Sensor

MAP70GNZ
Glass Break Sensor

MAP70R2
Complete with
ultrasonic sensor
& 2 remotes



The following vehicle manufacturers have CanBus equipped models. Each month this list grows.

Alfa Romeo	Audi
BMW	Chevrolet
Chrysler	Citroen
Fiat	Ford
Holden	Honda
Iveco	Jeep
Kia	Lexus
Mazda	Mercedes
Mitsubishi	Nissan
Opel	Peugeot
Porsche	Renault
Seat	Skoda
Subaru	Suzuki
Toyota	VW
Volvo	

[See attached list of models](#)

What is CANBUS ?

CanBus is a balanced multiplex 2-wire interface running over either a Shielded Twisted Pair (STP), Un-shielded Twisted Pair (UTP), or Ribbon cable and is used to connect several vehicle microcontrollers to establish a network. The common two wires are able to communicate with all microcontrollers/components connected to the network. The connection to the vehicle is realized with two wires: CAN-HIGH and CAN-LOW.

The vehicle alarm system inputs are connected to the CAN-HIGH and CAN-LOW wires and these signals control the alarms functions. Vehicle manufacturers use their own CanBus 'language code', which can be different between their own models, so each alarm system has to be programmed for the specific vehicle.

Our new MAP70 models are programmable for all the different language codes.

MONGOOSE

MONGOOSE MAP70 CANBUS VEHICLE COMPATIBILITY CHART

BRAND	MODEL	YEAR	LV CODE	BRAND	MODEL	YEAR	LV CODE.
ALFA ROMEO	159	05->	30				
AUDI	A3	03->	5	NISSAN	MURANO	06->	59
AUDI	A4	02->	6	NISSAN	NAVARA	06->	42
AUDI	A4 (B8)	08->	47	NISSAN	NOTE	06->	41
AUDI	A5	07->	47	NISSAN	PATHFINDER	06->	42
AUDI	A6	04->	7	NISSAN	QASHQAI	06->	42
AUDI	A8	03->	7	NISSAN	TIDA	06->	41
AUDI	Q7	05->	7	NISSAN	X-TRAIL	06->	42
BMW	1 (E87)	04->	13	NISSAN	X-TRAIL	07->	58
BMW	1 (E87)	04->	46	OPEL	ANTARA	07->	49
BMW	3 (E90)	05->	13	OPEL	ASTRA H	04->	18
BMW	3 (E90)	05->	46	OPEL	CORSA D	06->	18
BMW	5 (E60)	03->	13	OPEL	VECTRA C	02->	18
BMW	5 (E60)	03->	46	OPEL	ZAFIRA	05->	18
BMW	6 (E63)	04->	13	PEUGEOT	207	05->	10
BMW	6 (E63)	04->	46	PEUGEOT	307	05->	10
BMW	7 (E66)	->	13	PEUGEOT	307	05->	12
BMW	7 (E65)	->	46	PEUGEOT	308	07->	10
BMW	X5 (E70)	07->	62	PEUGEOT	407	05->	11
CITROEN	C4	05->	10	PEUGEOT	BOXER	06->	15
CITROEN	C4	05->	12	PEUGEOT	EXPERT	06->	55
CITROEN	C5	05->	10	PORSCHE	CAYENNE	07->	20
CITROEN	C5	05->	12	PORSCHE	911	04->	66
CITROEN	JUMPER	06->	15	RENAULT	ESPACE	03->	25
CHEVROLET	CAPTIVA	07->	49	RENAULT	CLIO III	07->	51
CHRYSLER	300C	05->	28	RENAULT	LAGUNA II	05->07	25
CHRYSLER	PT CRUISER	05->	28	RENAULT	LAGUNA III	07->	50
FIAT	500	07->	14	RENAULT	KANGOO	07->	57
FIAT	BRAVO	07->	53	SAAB	9-3	03->	67
FIAT	CROMA	05->	52	SEAT	LEON	05->	3
FIAT	DUCATO	06->	15	SKODA	FABIA	00->	4
FIAT	IDEA 0	4->07	54	SKODA	OCTAVIA	01->	1
FIAT	LINEA	07->	53	SKODA	OCTAVIA	02->	2
FIAT	GR. PUNTO	06->	14	SKODA	OCTAVIA II	04->	3
FIAT	PANDA	04->	53	SKODA	ROOMSTER	06->	4
FIAT	SCUDO	06->	55	SKODA	SUPERB	02->	2
FIAT	SEDICI	06->	44	SUBARU	LEGACY	06->	61
FIAT	STILO	02->05	54	SUBARU	OUTBACK	05->	61
FIAT	STILO	06->	53	SUZUKI	GRAND VITARA	07->	44
FORD	S-MAX	06->	33	SUZUKI	SX4	07->	44
FORD	C-MAX	04->	36	TOYOTA	RAV4	06->	32
FORD	FOCUS II	05->	8	TOYOTA	YARIS	06->	48
FORD	MONDEO	07->	33	VOLVO	S60	02->	24
HONDA	ACCORD	03->07	29	VOLVO	S60	03->05	38
HONDA	ACCORD	08->	63	VOLVO	S80	01->03	24
HONDA	CIVIC	06->	31	VOLVO	S80	03->05	35
HONDA	CR-V	07->	31	VOLVO	S80	05->	21
IVECO	DAILY	06->	15	VOLVO	V50	04->	26
JEEP	GR. CHEROKEE	05->	28	VOLVO	V70	01->	56
KIA	CARNIVAL	06->	22	VOLVO	XC90	02->	56
KIA	OPIRUS	04->	23	VOLVO	XC90	03->05	34
LEXUS	GS350	06->	60	VOLVO	XC90	05->	21
MAZDA	2	07->	43	VW	BORA	01->	1
MAZDA	6	08->	45	VW	BORA	02->	2
MAZDA	CX7	07->	64	VW	CADDY	05->	4
MERCEDES	A	05->	9	VW	CRAFTER	06->	16
MERCEDES	B	05->	9	VW	GOLF IV	01->	1
MERCEDES	C (W203)	00->	9	VW	GOLF IV	02->	2
MERCEDES	C CLASS	07->	65	VW	GOLF V	05->	3
MERCEDES	CLK (W209)	02->	9	VW	PASSAT	01->	1
MERCEDES	E (W210)	95->97	19	VW	PASSAT	02->	2
MERCEDES	E (W210)	97->02	37	VW	PASSAT C3	05->	3
MERCEDES	E (W211)	02->	9	VW	PHAETON	03->	20
MERCEDES	R	05->	9	VW	POLO	05->	4
MERCEDES	S (W220)	98->05	27	VW	T5	05->	4
MERCEDES	S (W221)	05->	39	VW	TOURAN	05->	3
MERCEDES	SLK (W230)	02->	27	VW	TUAREG	03->	20
MERCEDES	SPRINTER	06->	16				
MERCEDES	VIANO	03->	17				
MERCEDES	VITO	03->	17				
MITSUBISHI	LANCER	08->	40				
MITSUBISHI	OUTLANDER	07->	40				
NISSAN	MICRA	06->	41				