MADMAN DEVELOPMENTS

EMS KIT SELECTION MATRIX

EGT / Coolant Temp and Level

Make	Model	Model Code	TP100KIT	EGTTDI	EGTTD5	EGTMIT	M18X1.5PLUG	VDO150	12BSPPLUG	TD5CA	AH19KIT	AH32KIT	AH35KIT	AH38KIT	AH42KIT	AH50KIT
NISSAN	PATROL 4.2 D	NP42D	✓					✓						✓		
	PATROL 3.0	NPZD30	✓					✓					✓			
	Navara 2.5 NP300	NN25	✓					✓					✓			
FORD/MAZDA	FWLT 2.5 Diesel Turbo	FM25	✓					✓					✓			
	F250 6CYL 4.2 TD	FF2506	✓					✓							✓	
	Ranger 2.5	FR25	✓					✓					✓			
	Ranger T6 / BT50	FRT6BT50	✓					✓				✓				
	Ranger 2.2	FR22	✓					✓				✓				
	Ranger 3.2	FR32	✓					✓				✓				
LAND ROVER	Discovery 3 TDV6	LRTDV6	✓					✓					✓			
	DEFENDER 3.5 V8	LRDV8						✓						✓		
	200TDI	LRTDI2T	✓					✓						✓		
	300TDI	LRTDI3T	✓	✓				✓	✓							
	DEFENDER PUMA 2.4	LRP24T	✓					✓				✓				
	DEFENDER PUMA 2.2	LRP22T	✓				✓	✓				✓				
	V8 DISCO 1	LRD1V8						✓						✓		
	DISCO 2 V8 MANUAL	LRD2V8M						✓						✓		
	DISCO2 V8 AUTO	LRD2V8A						✓						✓		
	DEFENDER M52	LRM52						✓				✓				
	DEFENDER TD5	LRTD5T	✓		✓			✓						✓		
	DISCO TD5 AUTO	LRTD5A	✓		✓			✓						✓		
LAND ROVER	NAS 1994/5 Manual (Lucas)	LRNAS94M						✓						✓		
	NAS 1994/5 Automatic (Luca	LRNAS94A						✓						✓		
	NAS 1997 Manual (Gems)	LRNAS97M						✓						✓		
	NAS 1997 Automatic (Gems)	LRNAS97A						✓						✓		
TOYOTA	V8 DIESEL	TV8D	✓					✓						✓		
	D4D	TD4D	✓					✓						✓		
	GX45P	TGX45P						✓						✓		
	1HDT 6 CYL Diesel Turbo	T1HDT	✓				✓	✓						✓		
	1HZ 6 CYL DIESEL	T1HZ	✓				✓	✓						✓		
	Twincam Petrol	TTCP						✓					✓			
ISUZU	KB300 / DMAX / DTEQ	IKB3D	✓					✓						✓		
	KB280	IKB28	✓					✓				✓				
MITSUBISHI	PAJERO 3.2 DID	MP32DID	✓					✓					✓			
	COLT 2.8	MC28TD	✓					✓						✓		
	Not Listed															
MERCEDES	300D 5 Cyl OM617	MEOM617	✓					✓						✓		
VW	2.5 5 Cyl	To Be Confirmed						✓						✓		
Popularity			0	0	0	0	0	0	0			0	0	0	0	0

Oil Pressure

Make	Model	Model Code	MPS7	MPS10	18NPTBRT	18NPTBST	18NPT45	18NPTF14NPT	18NPT18NPT	18NPTF14NPTL	18NPT14NPTF	H360PKIT	H560PKIT	716JIC18BSP	716JIC12SAE	716JIC14NPT	716JIC18NPTEL	716JICM10X1	716JIC18NPT	18NPT14NPTF	18NPTM12x1.5	M10x1T18NPT	M12x1.5OPPLUG	18NPT12SAEF
NISSAN	PATROL 4.2 D	NP42D	✓			✓			✓															
	PATROL 3.0	NPZD30	✓			✓			✓															
	Navara 2.5 NP300	NN25	✓			✓						✓		✓										
FORD/MAZDA	FWLT 2.5 Diesel Turbo	FM25	✓			✓						✓							✓					
	F250 6CYL 4.2 TD	FF2506	✓		✓			✓			✓													
	Ranger 2.5	FR25	✓		✓		✓	✓			✓													
	Ranger T6 / BT50	FRT6BT50	✓		✓		✓	✓												✓				
	Ranger 2.2	FR22	✓		✓		✓	✓			✓													
	Ranger 3.2	FR32	✓		✓		✓	✓			✓													
LAND ROVER	Discovery 3 TDV6	LRTDV6	✓			✓				✓	✓	✓					✓							
	DEFENDER 3.5 V8	LRDV8	✓			✓						✓			✓									✓
	200TDI	LRTDI2T	✓		✓																			
	300TDI	LRTDI3T	✓			✓			✓															
	DEFENDER PUMA 2.4	LRP24T	✓		✓		✓	✓												✓				
	DEFENDER PUMA 2.2	LRP22T	✓		✓		✓	✓												✓				
	V8 DISCO 1	LRD1V8	✓			✓						✓			✓									✓
	DISCO 2 V8 MANUAL	LRD2V8M	✓			✓						✓							✓		✓		✓	
	DISCO2 V8 AUTO	LRD2V8A	✓			✓						✓							✓		✓		✓	
	DEFENDER M52	LRM52	✓		✓																✓			
	DEFENDER TD5	LRTD5T	✓																			✓		
	DISCO TD5 AUTO	LRTD5A	✓																			✓		
LAND ROVER	NAS 1994/5 Manual (Lucas)	LRNAS94M	✓			✓						✓			✓									✓
	NAS 1994/5 Automatic (Luca	LRNAS94A	✓			✓						✓			✓									✓
	NAS 1997 Manual (Gems)	LRNAS97M	✓			✓						✓							✓		✓		✓	
	NAS 1997 Automatic (Gems)	LRNAS97A	✓			✓						✓							✓		✓		✓	
TOYOTA	V8 DIESEL	TV8D	✓																			✓		
	D4D	TD4D	✓			✓						✓							✓					
	GX45P	TGX45P	✓			✓						✓		✓										
	1HDT 6 CYL Diesel Turbo	T1HDT	✓			✓						✓		✓										
	1HZ 6 CYL DIESEL	T1HZ	✓			✓						✓		✓										
	Twincam Petrol	TTCP	✓			✓						✓												
ISUZU	KB300 / DMAX / DTEQ	IKB3D	✓		✓																			
	KB280	IKB28	✓		✓																			
MITSUBISHI	PAJERO 3.2 DID	MP32DID	✓			✓						✓		✓										
	COLT 2.8	MC28TD	✓			✓			✓															
	Not Listed																							
MERCEDES	300D 5 Cyl OM617	MEOM617	✓		✓																		✓	
VW	2.5 5 Cyl	To Be Confirmed	✓			✓							✓					✓						
Popularity			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	0

Boost

Make	Model	Model Code	MPS2	PCLAMPMPS	TUBEPU610	18NPTF6PU	18NPTF4MM	6PUTEE	4BTEE	4MMBPA	18NPT4MM	18NPTF4MMT
NISSAN	PATROL 4.2 D	NP42D	✓	✓	✓	✓			✓			
	PATROL 3.0	NPZD30	✓	✓	✓	✓				✓		
	Navara 2.5 NP300	NN25	✓	✓	✓	✓						
FORD/MAZDA	FWLT 2.5 Diesel Turbo	FM25	✓	✓	✓	✓			✓			
	F250 6CYL 4.2 TD	FF2506	✓	✓	✓	✓			✓			
	Ranger 2.5	FR25	✓	✓	✓	✓			✓			
	Ranger T6 / BT50	FRT6BT50	✓	✓	✓	✓				✓		
	Ranger 2.2	FR22	✓	✓	✓	✓				✓		
	Ranger 3.2	FR32	✓	✓	✓	✓				✓		
LAND ROVER	Discovery 3 TDV6	LRTDV6	✓	✓	✓	✓			✓			
	DEFENDER 3.5 V8	LRDV8										
	200TDI	LRTDI2T	✓	✓	✓	✓		✓				
	300TDI	LRTDI3T	✓	✓	✓	✓		✓				
	DEFENDER PUMA 2.4	LRP24T	✓	✓	✓	✓				✓		
	DEFENDER PUMA 2.2	LRP22T	✓	✓	✓	✓				✓		
	V8 DISCO 1	LRD1V8										
	DISCO 2 V8 MANUAL	LRD2V8M										
	DISCO2 V8 AUTO	LRD2V8A										
	DEFENDER M52	LRM52										
	DEFENDER TD5	LRTD5T	✓	✓	✓	✓			✓			
	DISCO TD5 AUTO	LRTD5A	✓	✓	✓	✓			✓			
LAND ROVER	NAS 1994/5 Manual (Lucas)	LRNAS94M										
	NAS 1994/5 Automatic (Luca	LRNAS94A										
	NAS 1997 Manual (Gems)	LRNAS97M										
	NAS 1997 Automatic (Gems)	LRNAS97A										
TOYOTA	V8 DIESEL	TV8D	✓	✓	✓	✓				✓		
	D4D	TD4D	✓	✓	✓	✓				✓		
	GX45P	TGX45P										
	1HDT 6 CYL Diesel Turbo	T1HDT	✓	✓	✓	✓		✓				
	1HZ 6 CYL DIESEL	T1HZ										
	Twincam Petrol	TTCP										
ISUZU	KB300 / DMAX / DTEQ	IKB3D										
	KB280	IKB28	✓	✓	✓	✓			✓			
MITSUBISHI	PAJERO 3.2 DID	MP32DID										
	COLT 2.8	MC28TD	✓	✓	✓	✓			✓			
	Not Listed											
MERCEDES	300D 5 Cyl OM617	MEOM617										
VW	2.5 5 Cyl	To Be Confirmed										
Popularity			0				0				0	0

Oil Temperature

Make	Model	Model Code	VDO150	M12X1.25PLUG	M12X1.5PLUG	M14X1.5PLUG	M16X1.5PLUG	M16X1.25PLUG	38BSPPLUG
NISSAN	PATROL 4.2 D	NP42D	✓	✓					
	PATROL 3.0	NPZD30	✓						✓
	Navara 2.5 NP300	NN25	✓	✓					
FORD/MAZDA	FWLT 2.5 Diesel Turbo	FM25	✓			✓			
	F250 6CYL 4.2 TD	FF2506	✓			✓			
	Ranger 2.5	FR25	✓			✓			
	Ranger T6 / BT50	FRT6BT50	✓			✓			
	Ranger 2.2	FR22	✓			✓			
	Ranger 3.2	FR32	✓			✓			
LAND ROVER	Discovery 3 TDV6	LRTDV6	✓			✓			
	DEFENDER 3.5 V8	LRDV8	✓			✓			
	200TDI	LRTDI2T	✓			✓			
	300TDI	LRTDI3T	✓			✓			
	DEFENDER PUMA 2.4	LRP24T	✓			✓			
	DEFENDER PUMA 2.2	LRP22T	✓			✓			
	V8 DISCO 1	LRD1V8	✓			✓			
	DISCO 2 V8 MANUAL	LRD2V8M	✓			✓			
	DISCO2 V8 AUTO	LRD2V8A	✓					✓	
	DEFENDER M52	LRM52	✓			✓			
	DEFENDER TD5	LRTD5T	✓			✓			
	DISCO TD5 AUTO	LRTD5A	✓					✓	
LAND ROVER	NAS 1994/5 Manual (Lucas)	LRNAS94M	✓			✓			
	NAS 1994/5 Automatic (Luca	LRNAS94A	✓			✓			
	NAS 1997 Manual (Gems)	LRNAS97M	✓			✓			
	NAS 1997 Automatic (Gems)	LRNAS97A	✓					✓	
TOYOTA	V8 DIESEL	TV8D	✓	✓					
	D4D	TD4D	✓	✓					
	GX45P	TGX45P	✓	✓					
	1HDT 6 CYL Diesel Turbo	T1HDT	✓		✓				
	1HZ 6 CYL DIESEL	T1HZ	✓		✓				
	Twincam Petrol	TTCP	✓		✓				
ISUZU	KB300 / DMAX / DTEQ	IKB3D	✓			✓			
	KB280	IKB28	✓						✓
MITSUBISHI	PAJERO 3.2 DID	MP32DID	✓			✓			
	COLT 2.8	MC28TD	✓			✓			
	Not Listed								
MERCEDES	300D 5 Cyl OM617	MEOM617	✓		✓				
VW	2.5 5 Cyl	To Be Confirmed	✓						
Popularity			0	0	0	0	0	0	0

Coolant Level only - FYI DIY

Make	Model	Model Code	M10X1BKIT	18NPTPLUG	12BSPPKIT	M6x1BKIT	14BSPBKIT	M12X1.25PLUG	AH19KIT	AH32KIT	AH35KIT	AH38KIT	AH42KIT	AH50KIT
NISSAN	PATROL 4.2 D	NP42D		✓								✓		
	PATROL 3.0	NPZD30		✓							✓			
	Navara 2.5 NP300	NN25												
FORD/MAZDA	FWLT 2.5 Diesel Turbo	FM25		✓							✓			
	F250 6CYL 4.2 TD	FF2506		✓									✓	
	Ranger 2.5	FR25		✓							✓			
	Ranger T6 / BT50	FRT6BT50		✓						✓				
	Ranger 2.2	FR22												
	Ranger 3.2	FR32												
LAND ROVER	Discovery 3 TDV6	LRTDV6		✓							✓			
	DEFENDER 3.5 V8	LRDV8		✓								✓		
	200TDI	LRTDI2T		✓								✓		
	300TDI	LRTDI3T			✓									
	DEFENDER PUMA 2.4	LRP24T		✓						✓				
	DEFENDER PUMA 2.2	LRP22T		✓						✓				
	V8 DISCO 1	LRD1V8		✓								✓		
	DISCO 2 V8 MANUAL	LRD2V8M		✓								✓		
	DISCO2 V8 AUTO	LRD2V8A		✓								✓		
	DEFENDER M52	LRM52		✓						✓				
	DEFENDER TD5	LRTD5T		✓								✓		
	DISCO TD5 AUTO	LRTD5A		✓								✓		
LAND ROVER	NAS 1994/5 Manual (Lucas)	LRNAS94M		✓								✓		
	NAS 1994/5 Automatic (Luca	LRNAS94A		✓								✓		
	NAS 1997 Manual (Gems)	LRNAS97M	✓	✓								✓		
	NAS 1997 Automatic (Gems)	LRNAS97A	✓	✓								✓		
TOYOTA	V8 DIESEL	TV8D		✓								✓		
	D4D	TD4D		✓								✓		
	GX45P	TGX45P		✓								✓		
	1HDT 6 CYL Diesel Turbo	T1HDT		✓								✓		
	1HZ 6 CYL DIESEL	T1HZ		✓								✓		
	Twincam Petrol	TTCP		✓							✓			
ISUZU	KB300 / DMAX / DTEQ	IKB3D		✓								✓		
	KB280	IKB28		✓						✓				
MITSUBISHI	PAJERO 3.2 DID	MP32DID		✓							✓			
	COLT 2.8	MC28TD		✓								✓		
	Not Listed													
MERCEDES	300D 5 Cyl OM617	MEOM617		✓								✓		
VW	2.5 5 Cyl	To Be Confirmed		✓								✓		
Popularity								0		0	0	0	0	0

v

F= Ford F250 water temp can use TDICA
E Engine option
T Transfer Box option
A Autobox option
1-1,2-2 etc Groups of alternative options
V - Not available until confirmed