

VIN: FS00287

Vehicle: 3'/E46/SEDAN/330d/M57/MANUAL/EUR/LL/1999/10

System version: 3.45.30.12306

Data version: R3.45.30.12306

Dealer

Pyramid BMW
12-34 Pharaon St.
12345 Hurgada
EG

Order number:

Guide number:

Contact for inquiries:

Sales partner number: 54321

Dealership number: 01

ISTA order

ISPA Guid:

System version: 3.45.30.12306

TeleService ID: ---

Data version: R3.45.30.12306

Order start: 26/12/2015 11:41 (ISID: X220-THINK, F0:DE:F1:8C:9A:1B)

Vehicle identification: VIN readout**Vehicle data:**

Vehicle identification number:	FS00287	Model code:	AL91	National-market sion:	ver-EUR
Brand:	BMW PKW	Sales designation:	330d	Development code:	E46
Model series:	3'	Drive:	REAR WHEEL	Bodywork form:	SEDAN
Engine:	M57	Capacity:	30		
Steering:	LL	Gearbox:	MANUAL		
Model year:	1999	Total distance covered:	265286 km		
Integr. level (actual):		Integration level factory:			
VO:					
VO interpretable:	---				

Diagnosis / Warranty code**Procedure**

11:43:09 - 11:43:14

ABL_GES_FFM_1365_D7

*Start**Start**PostActions*

End of procedureProcedure

11:43:14 - 11:43:15

ABL_GES_IBS_VERBAU_KPW

*Start**PostActions*End of procedureFault code memory list

<u>Fault code</u>	<u>Description</u>
000011	ASC: Wheel-speed sensor, front left
000088	GM: DWA alarm memory: engine bonnet
00008A	GM: DWA alarm memory: passenger-comp. sensor, front
00003D	GM: Boot-lid unlocking: mechanism
000011	MRS: Power supply
00003D	GM: Boot-lid unlocking: mechanism
0009F6	DDE: Rail-pressure monitoring on engine start
00003D	GM: Boot-lid unlocking: mechanism
0009F6	DDE: Rail-pressure monitoring on engine start
0009F6	DDE: Rail-pressure monitoring on engine start
0009F6	DDE: Rail-pressure monitoring on engine start
0009F6	DDE: Rail-pressure monitoring on engine start
0009F6	DDE: Rail-pressure monitoring on engine start
0000CE	KOMBI: Outside-temperature sensor
0009F6	DDE: Rail-pressure monitoring on engine start
000011	MRS: Power supply
0009F6	DDE: Rail-pressure monitoring on engine start
0009F6	DDE: Rail-pressure monitoring on engine start
0000CE	KOMBI: Outside-temperature sensor
0000CE	KOMBI: Outside-temperature sensor
000022	LSZ: Front load sensor, short circuit to negative
000017	IHKA: Auxiliary water pump
S 0025	No communication possible with: Radio

Vehicle test (start of diagnosis)

11:42:30 - 11:43:44

<u>State</u>	<u>System</u>	<u>ECU variant</u>
Ecu responding	GM - General Module 5	ZKE5
Ecu responding	DDE - Diesel fuel electronics	DDE40KW0
Ecu responding	EWS - Electronic immobiliser 3	EWS3

Ecu responding	MFL - Multifunction steering wheel	MFL2
Ecu responding	ASC - Stability control	ASCMK20
Ecu responding	IHKA - Automatic climate control	IHKA46_2
Ecu responding	PDC - Park distance control	PDCACT
ECU not responding	RADIO	n/a
Ecu responding	KOMBI - Instrument panel	KOMBI46
Ecu responding	MRS - Multiple restraint system	MRS3
Ecu responding	LSZ - Light switch cluster	LSZ
Ecu responding	AIC - Automatic Interval Control	AIC
Ecu responding	SZM - Centre console control panel	SZM46

Procedure	12:45:31 - 12:45:31
SysNetworkConnectionChangeEvent	
<i>Change in network connection status</i>	
Change in network connection status detected.	
<p>Wireless Network Connection is Up type: Wireless80211 address infos: Unicast [[fe80::3c03:758b:34fb:e75% 14 / 0 . 0 . 0 . 0] [192.168.0.102/255.255.255.0] , GateWay : [[192.168.0.1]]</p> <p>
Local Area Connection is Down type: Ethernet address infos: Unicast [[fe80::8db4:6b19:e51a:144d % 13 / 0 . 0 . 0 . 0] [169.254.20.77/255.255.0.0],GateWay:[]</p> <p>
Loopback Pseudo-Interface 1 is Up type: Loopback address infos: Unicast:[::1/0.0.0.0] [127.0.0.1/255.0.0.0],GateWay:[]</p> <p>
Teredo Tunneling Pseudo-Interface is Down type: Tunnel address infos: Unicast:[fe80::e0:0:0:0% 15/0.0.0.0],GateWay:[]</p> <p>
</p>	

End of procedure

Procedure	12:45:31 - 12:45:31
SysNetworkConnectionChangeEvent	
<i>Change in network connection status</i>	
Change in network connection status detected.	
<p>Wireless Network Connection is Up type: Wireless80211 address</p>	

```
infos: Unicast
[[fe80::3c03:758b:34fb:e75
% 1 4 / 0 . 0 . 0 . 0 ]
[192.168.0.102/255.255.25
5 . 0 ] , GateWay :
[[192.168.0.1]]
<BR/>Local Area Connec
tion is Down type: Ether
net address infos: Unicast
[[fe80::8db4:6b19:e51a:14
4 d % 1 3 / 0 . 0 . 0 . 0 ]
[169.254.20.77/255.255.0
0],GateWay:[]
<BR/>Loopback Pseudo-
Interface 1 is Up type
Loopback address infos
Unicast:[::1/0.0.0.0]
[127.0.0.1/255.0.0.0],Ga
teWay:[]
<BR/>Teredo Tunneling
Pseudo-Interface is Dowr
type: Tunnel address infos
Unicast:[fe80::e0:0:0:0%
15/0.0.0.0],GateWay:[]
<BR/>
```

End of procedure

Procedure

12:56:35 - 12:56:41

ABL_IDE_FFF_IHS

Start

TestStep1

Does the vehicle have an integrated heater control?

1

PostActions

End of procedure

Procedure

12:56:44 - 12:56:48

ABL_IDE_FFF_XEN00

*Start**Auswertung*

n/a

`[[SAs, System.Collections.Generic.List`1[System.String]], [SA_Anzahl, 0]`

n/a

`[[SA_Vorhanden, False]]`

Is there a xenon light?

0

*PostActions*End of procedureProcedure

12:56:49 - 12:56:49

ABL_IDE_FFF_STEREO

*Start**PostActions*End of procedureProcedure

12:56:49 - 12:56:49

ABL_IDE_FFF_STEREO

*Start**PostActions*End of procedureProcedure

12:56:50 - 12:56:50

ABL_IDE_FFF_STEREO

Start

PostActions

End of procedure

Procedure

12:56:50 - 12:56:51

ABL_IDE_FFF_RAD_C42

Start

Auswertung

PostActions

End of procedure

Procedure

12:56:51 - 12:56:52

ABL_IDE_FFF_STEREO

Start

PostActions

End of procedure

Procedure

12:56:52 - 12:56:52

ABL_IDE_FFF_STEREO

Start

PostActions

End of procedure

Procedure

12:56:52 - 12:56:52

ABL_IDE_FFF_STEREO

Start

*PostActions*End of procedureProcedure

12:56:52 - 12:56:53

ABL_IDE_FFF_STEREO

*Start**PostActions*End of procedureTestplan (start of diagnosis)

<u>Identifier</u>	<u>Title, documents, symptoms</u>	<u>State</u>
	<u>Electrical components</u>	
FUB-FUB-STA0198FB-001345003	ABS/ASC	Not called
SSP-SSP-SP0000007213	Front speed sensor	Not called
ABL-DIT-B3450_00017	ABS/DSC electrical components	Not called
	ASC: Wheel-speed sensor, front left	
	<u>Voltage supply</u>	
FUB-FUB-SCM1198FB-001651000	Multiple restraint system (MRS)	Not called
SSP-SSP-SP0000011391	Supply	Not called
ABL-DIT-B6510_30018	Power supply, airbag control unit	Not called
	MRS: Power supply	
	<u>K bus</u>	
FUB-FUB-GUD0399FB002610001	Bus test	Not called
FUB-HIL-STF0696HI-IKBUS	Oscillogram: I-bus and K-bus signals	Not called
ABL-DIT-B6100_00005	Bus test, I-bus/K-bus	Not called
	IHKA: Auxiliary water pump	
	<u>Interfaces</u>	
FUB-FUB-WAB0398FB-001645016	IHKA/IHKR interfaces	Not called
FUB-SOW-WAB0398SO-6450001	Specified and substitute values for the temperature sensors IHKA	Not called
SSP-BTS-SP0000011678	Connector X10116	Not called
ABL-DIT-B6450_00200	Heating/air conditioning function: Interfaces	Not called

	IHKA: Auxiliary water pump	
	<u>Heat-exchanger sensor</u>	
FUB-SOW-WAB0398SO-6450001	Specified and substitute values for the temperature sensors IHKA	Not called
FUB-FUB-WAB0398FB-001645006	Temperature control	Not called
SSP-SSP-SP0000011764	Heat exchanger sensor	Not called
ABL-DIT-B6450_00304	Heating/air conditioning function: Fresh air / recirculated air flap motor	Not called
	IHKA: Auxiliary water pump	
	<u>Interior temperature sensor</u>	
FUB-SOW-WAB0398SO-6450001	Specified and substitute values for the temperature sensors IHKA	Not called
FUB-FUB-WAB0398FB-001645006	Temperature control	Not called
SSP-SSP-SP0000011764	Heat exchanger sensor	Not called
SSP-SSP-SP0000007378	Supply	Not called
ABL-DIT-B6450_00504	Heating/air conditioning function: Interior temperature sensor	Not called
	IHKA: Auxiliary water pump	
	<u>Solar sensor</u>	
FUB-FUB-GUD0699FB001645001	Solar sensor	Not called
SSP-SSP-SP0000011766	Solar sensor	Not called
ABL-DIT-B6450_00011	Solar sensor	Not called
	IHKA: Auxiliary water pump	
	<u>Auxiliary water pump</u>	
SSP-SSP-SP0000007379	Auxiliary water pump	Not called
	IHKA: Auxiliary water pump	
	<u>Water valve</u>	
FUB-FUB-WAB0398FB-001645006	Temperature control	Not called
SSP-SSP-SP0000007380	Water valve	Not called
ABL-DIT-B6450_00104	Heating/air conditioning function: Water valve	Not called
	IHKA: Auxiliary water pump	
	<u>Temperature control</u>	
FUB-FUB-WAB0308FB-001645006	Temperature control	Not called
	IHKA: Auxiliary water pump	
	<u>Front loading sensor</u>	
FUB-FUB-FOI0895FB-001613501	Light check control module (LCM)	Not called
FUB-FUB-	Light switch centre (LSZ)	Not called

FOI0398FB-046613101

	LSZ: Front load sensor, short circuit to negative <u>Radio supply</u>	
ABL-DIT-B6512_00011	Radio supply	Not called
	No communication possible with: Radio <u>Power supply for body bus, stereo</u>	
SSP-SSP-SP0000007390	Radio supply	Not called
ABL-DIT-B9999_99999	General notes for checking	Not called
ABL-DIT-B6512_00011	Radio supply	Not called
	No communication possible with: Radio <u>Drive, rear lid</u>	
FUB-FUB-SCM0198FB46512401	Tailgate/rear hatch and rear window release	Not called
SSP-SSP-SP0000007227	Boot lid release	Not called
ABL-DIT-B5126_00006	Electric motor, tailgate	Not called
	GM: Boot-lid unlocking: mechanism <u>Ambient temperature</u>	
FUB-FUB-BAU0398SFB019621101	Outside temperature display	Not called
SSP-SSP-SP0000007266	Outside temperature display	Not called
ABL-DIT-B6213_00019	ambient temperature sensor	Not called
ABL-DIT-B9999_99999	General notes for checking	Not called
	KOMBI: Outside-temperature sensor <u>Rail pressure control</u>	
FUB-FUB-FIN0898FB571361031	Rail pressure control	Not called
SSP-SSP-SP0000011810	Fuel control	Not called
ABL-DIT-B1361_D4HDR	Rail pressure control	Not called
	DDE: Rail-pressure monitoring on engine start	

Procedure

12:57:21 - 13:01:09

ABL_DIT_B1361_D4HDR - Rail pressure control

*Start**Start***End of procedure**

Procedure

13:39:37 - 13:39:37

SysNetworkConnectionChangeEvent

Change in network connection status

Change in network connection status detected.

Wireless Network Connection is Down type: Ethernet
Wireless80211 address infos: Unicast
[[fe80::3c03:758b:34fb:e75% 14 / 0 . 0 . 0 . 0]
[192.168.0.102/255.255.255.0] , GateWay :
[[192.168.0.1]]

Local Area Connection is Down type: Ethernet
address infos: Unicast
[[fe80::8db4:6b19:e51a:14d % 13 / 0 . 0 . 0 . 0]
[169.254.20.77/255.255.0.0],GateWay:[]

Loopback Pseudo-Interface 1 is Up type: Ethernet
address infos: Unicast:[:,1/0.0.0.0]
[127.0.0.1/255.0.0.0],GateWay:[]
< B R / > i s a t a p
{9BEE0732-384F-4043-9CAB-D42913259880} is Down type: Tunnel
address infos: Unicast:[,GateWay:[]

Teredo Tunneling Pseudo-Interface is Down
type: Tunnel address infos: Unicast:[[fe80::e0:0:0:0% 15/0.0.0.0],GateWay:[]

End of procedureProcedure

13:39:37 - 13:39:37

SysNetworkConnectionChangeEvent

Change in network connection status

Change in network connection status detected.

Wireless Network Connection is Down type: Ethernet address: Wireless80211 address: info: Unicast [[fe80::3c03:758b:34fb:e75% 1 4 / 0 . 0 . 0 . 0] [192.168.0.102/255.255.255.0] , GateWay: [[192.168.0.1]]

Local Area Connection is Down type: Ethernet address info: Unicast [[fe80::8db4:6b19:e51a:144 d % 1 3 / 0 . 0 . 0 . 0] [169.254.20.77/255.255.0.0],GateWay:[]

Loopback Pseudo-Interface 1 is Up type: Loopback address info: Unicast:[[:1/0.0.0.0] [127.0.0.1/255.0.0.0],GateWay:[]
< B R / > i s a t a p {9BEE0732-384F-4043-9CAB-D42913259880} is Down type: Tunnel address info: Unicast:[,GateWay:[]

Teredo Tunneling Pseudo-Interface is Down type: Tunnel address info: Unicast:[[fe80::e0:0:0:0% 15/0.0.0.0],GateWay:[]

End of procedureProcedure

20:40:29 - 20:40:29

SysNetworkConnectionChangeEvent

Change in network connection status

Change in network connection status detected.

Wireless Network Connection is Up type: Ethernet address: Wireless80211 address:

```
infos: Unicast
[[fe80::3c03:758b:34fb:e75
% 1 4 / 0 . 0 . 0 . 0 ]
[169.254.14.117/255.255.0
.0],GateWay:[]
<BR/>Local Area Connec-
tion is Down type: Ether-
net address infos: Unicast
[[fe80::8db4:6b19:e51a:14
4 d % 1 3 / 0 . 0 . 0 . 0 ]
[169.254.20.77/255.255.0
0],GateWay:[]
<BR/>Loopback Pseudo-
Interface 1 is Up type
Loopback address infos
Unicast:[::1/0.0.0.0]
[127.0.0.1/255.0.0.0],Ga-
teWay:[]
< B R / > i s a t a p
{9BEE0732-384F-4043-9C
AB-D42913259880} is
Down type: Tunnel address
infos: Unicast:[,GateWay:[]
<BR/>isatap.{5721ED40-
A F 2 F - 4 6 8 A - B 2 C 2 -
D204980A6C15} is Dowr
type: Tunnel address infos
Unicast:[,GateWay:[]
<BR/>Teredo Tunneling
Pseudo-Interface is Dowr
type: Tunnel address infos
Unicast:[fe80::e0:0:0:0%
15/0.0.0.0],GateWay:[]
<BR/>
```

End of procedure

Procedure

20:40:31 - 20:40:31

SysNetworkConnectionChangeEvent

Change in network connection status

Change in network connection status detected.

```
Wireless Network Connec-
tion is Up type
Wireless80211 address
infos: Unicast
[[fe80::3c03:758b:34fb:e75
```

```
% 1 4 / 0 . 0 . 0 . 0 ]  
[169.254.14.117/255.255.0.0],GateWay:[]  
<BR/>Local Area Connection is Down type: Ethernet address infos: Unicast [[fe80::8db4:6b19:e51a:144 d % 1 3 / 0 . 0 . 0 . 0 ] [169.254.20.77/255.255.0.0],GateWay:[]  
<BR/>Loopback Pseudo-Interface 1 is Up type Loopback address infos Unicast:[::1/0.0.0.0] [127.0.0.1/255.0.0.0],GateWay:[]  
< B R / > i s a t a p {9BEE0732-384F-4043-9CAB-D42913259880} is Down type: Tunnel address infos: Unicast:[,GateWay:[]  
<BR/>isatap.{5721ED40-AF2F-468A-B2C2-D204980A6C15} is Down type: Tunnel address infos Unicast:[,GateWay:[]  
<BR/>Teredo Tunneling Pseudo-Interface is Down type: Tunnel address infos Unicast:[fe80::e0:0:0:0%15/0.0.0.0],GateWay:[]  
<BR/>
```

End of procedure

Procedure

20:40:41 - 20:40:41

SysNetworkConnectionChangeEvent

Change in network connection status

Change in network connection status detected.

```
Wireless Network Connection is Up type  
Wireless80211 address infos: Unicast [[fe80::3c03:758b:34fb:e75 % 1 4 / 0 . 0 . 0 . 0 ] [192.168.0.101/255.255.255.0.0],GateWay:[]
```

```
5 . 0 ] , G a t e W a y :  
[[192.168.0.1]]  
<BR/>Local Area Connec-  
tion is Down type: Ether-  
net address infos: Unicast  
[[fe80::8db4:6b19:e51a:14  
4d%13/0.0.0.0]  
[169.254.20.77/255.255.0  
0],GateWay:[]  
<BR/>Loopback Pseudo-  
Interface 1 is Up type  
Loopback address infos  
Unicast:[::1/0.0.0.0]  
[127.0.0.1/255.0.0.0],Ga-  
teWay:[]  
< B R / > i s a t a p  
{9BEE0732-384F-4043-9C  
AB-D42913259880} is  
Down type: Tunnel address  
infos: Unicast  
[[fe80::5efe:169.254.14.11  
7%16/0.0.0.0],GateWay:[]  
<BR/>isatap.{5721ED40-  
AF2F-468A-B2C2-  
D204980A6C15} is Dowr  
type: Tunnel address infos  
Unicast:[,GateWay:[]  
<BR/>Teredo Tunneling  
Pseudo-Interface is Dowr  
type: Tunnel address infos  
Unicast:[fe80::e0:0:0:0%  
15/0.0.0.0],GateWay:[]  
<BR/>
```

End of procedure

Procedure

20:40:41 - 20:40:41

SysNetworkConnectionChangeEvent

Change in network connection status

Change in network connection status detected.

```
Wireless Network Connec-  
tion is Up type  
Wireless80211 address  
infos: Unicast  
[[fe80::3c03:758b:34fb:e75  
%14/0.0.0.0]
```

[192.168.0.101/255.255.255.255.0], Gateway: [[192.168.0.1]]

Local Area Connection is Down type: Ethernet address infos: Unicast [[fe80::8db4:6b19:e51a:144d%13/0.0.0.0]]
[169.254.20.77/255.255.0.0],Gateway:[]

Loopback Pseudo-Interface 1 is Up type Loopback address infos Unicast:[::1/0.0.0.0]
[127.0.0.1/255.0.0.0],Gateway:[]

isatap {9BEE0732-384F-4043-9CAB-D42913259880} is Down type: Tunnel address infos: Unicast [[fe80::5efe:169.254.14.117%16/0.0.0.0],Gateway:[]

isatap.{5721ED40-AF2F-468A-B2C2-D204980A6C15} is Down type: Tunnel address infos Unicast:[,Gateway:[]

Teredo Tunneling Pseudo-Interface is Down type: Tunnel address infos Unicast:[fe80::e0:0:0:0%15/0.0.0.0],Gateway:[]

End of procedure

Documents

<u>Identifier</u>	<u>Title</u>
SSP-SSP-SP0000011810	Fuel control
FUB-FUB-FIN0898FB571361031	Rail pressure control

Comment

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