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## Turn signal lamps in headlamp housing inoperative

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Topic number	LI82.10-P-048069
Version	1
Design group	82.10 Exterior lights
Date	10-02-2009
Validity	Model 211
Reason for change	Document adjusted / Supersedes DTB P-B-82.10/258c
Reason for block	

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### Complaint:

Turn signal lamps in headlamp housing inoperative.

### Cause:

Contact problems between turn signal lamp socket and headlamp housing.

Contact between turn signal lamp socket and headlamp overheated and burned due to low contact pressure and high transition resistance.

### Remedy:

Replacement of the complete headlamp will not be recognized in warranty or goodwill cases!

Install turn signal lamp socket with wiring harness only in the case of complaint.

Perform repair solution only on the side of the vehicle affected.

1. Disconnect ground cable from on-board electrical system battery.

Model 211.0 AR54.10-P-0003T

Model 211.2 AR54.10-P-0003TA

2. Remove turn signal lamp socket (E1e5, E2e5) from headlamp housing.

3. Check outer contacts of turn signal lamp socket for damage (scorched contacts).

If there is visible contact damage on the headlamp:

4. Unplug electrical connector (2) from headlamp housing.

5. Unpin actuation line (1) for turn signal lamp from electrical connector (2), see:

Remove contacts from sensor spade-type contact connector.

Open locking catch (3) otherwise the contacts will be irreparably damaged.

Right-hand side of vehicle: Pin 4

Left-hand side of vehicle: Pin 4

6. Close empty chambers of connector (2) with blind plugs from repair kit.

7. Insert actuation line (1) for turn signal lamp into connector housing (4, pin 2) of repair kit.

Before inserting the actuation line (1), check single-wire seal for damage.

Close locking catch (3) again.

8. Connect plug housing (4) with connector (5) of repair wiring harness.

The plug must click into place.

9. Screw cable lug (6) of repair wiring harness onto ground (right front) (W2) and/or ground (left front) (W9).

10. Install turn signal lamp socket (E1e5, E2e5) in headlamp housing.
11. Connect electrical connector (2) to headlamp housing.  
Ensure that the seal is properly seated in the electrical connector (2).
12. Fasten repair wiring harness along original wiring harness with two tie straps.  
Fasten so as to prevent noise.
13. Connect ground cable to on-board electrical system battery.  
Model 211.0 AR54.10-P-0003T  
Model 211.2 AR54.10-P-0003TA
14. Perform function check of lighting system.

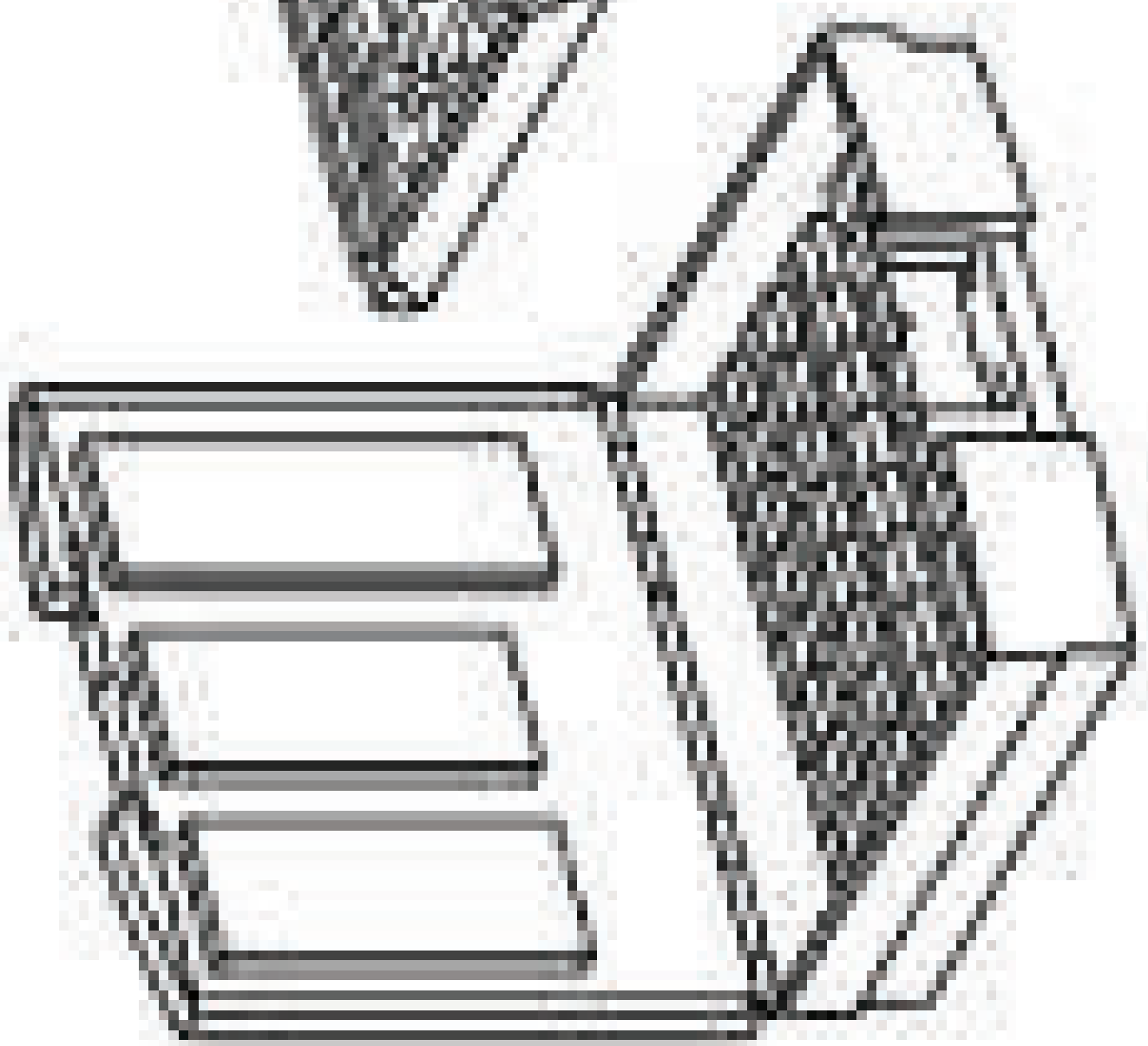
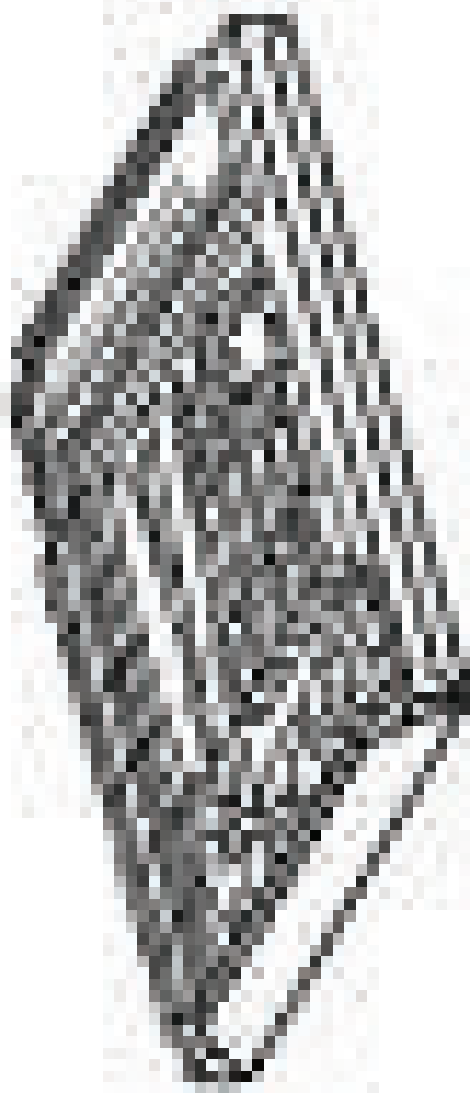
Attachments	
File	Designation
220589019900.jpg	220 589 01 99 00 Wiring harness repair kit
220589019950.jpg	220 589 01 99 50 Blade holder with clamping pliers
220589019962.jpg	220 589 01 99 62 Blade SLK 2.8
P00.19-2967-06.jpg	P00.19-2967-06 W2 Ground (right front, at lamp unit) W9 Ground (left front, at lamp unit)
P54.18-3440-02.jpg	P54.18-3440-02 1 Actuation line 2 Electrical connector 3 Locking catch
P82.10-3391-06.jpg	P82.10-3391-06 Repair wiring harness 4 Connector housing 5 Connector 6 Cable lug E1e5 Left turn signal lamp E2e5 Right turn signal lamp

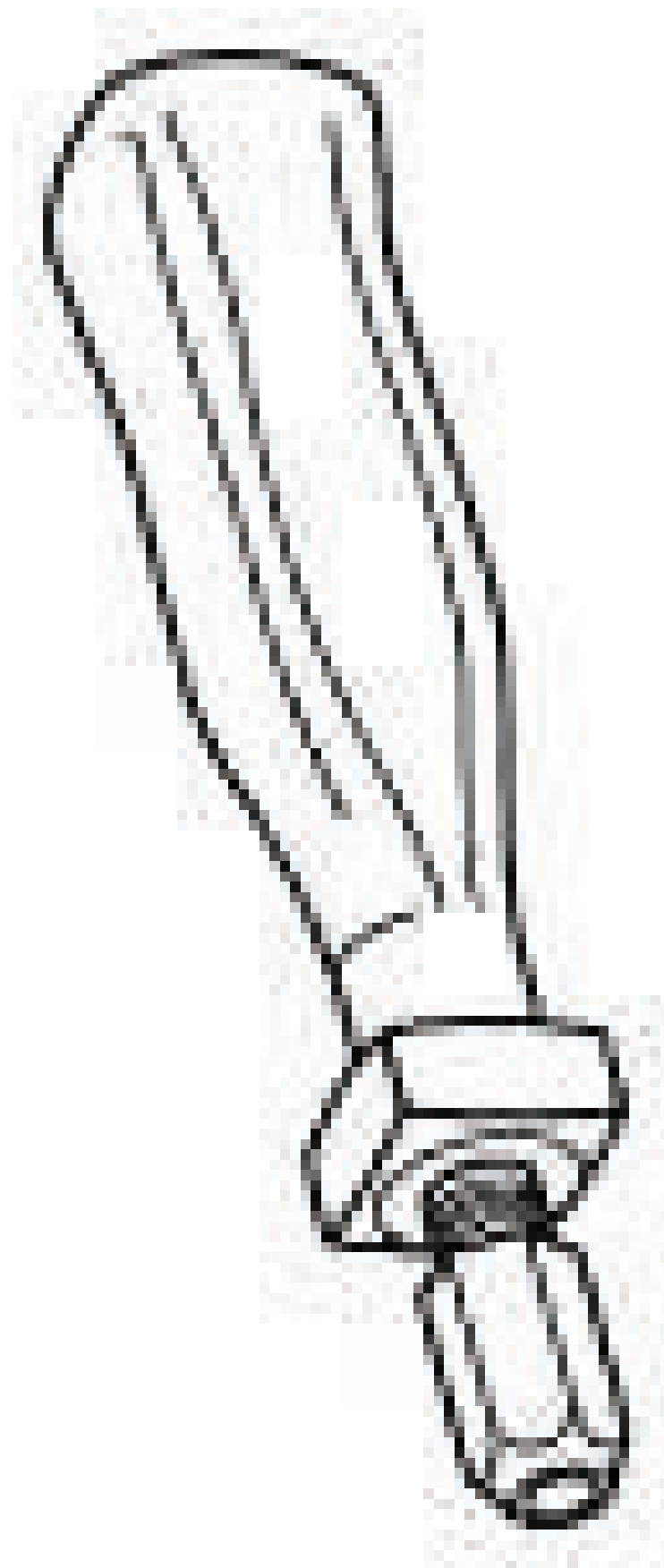
Symptoms
Overall vehicle / Lighting / Exterior lights / Turn signal/hazard warning lights / Turn signal lights / Nonfunctional

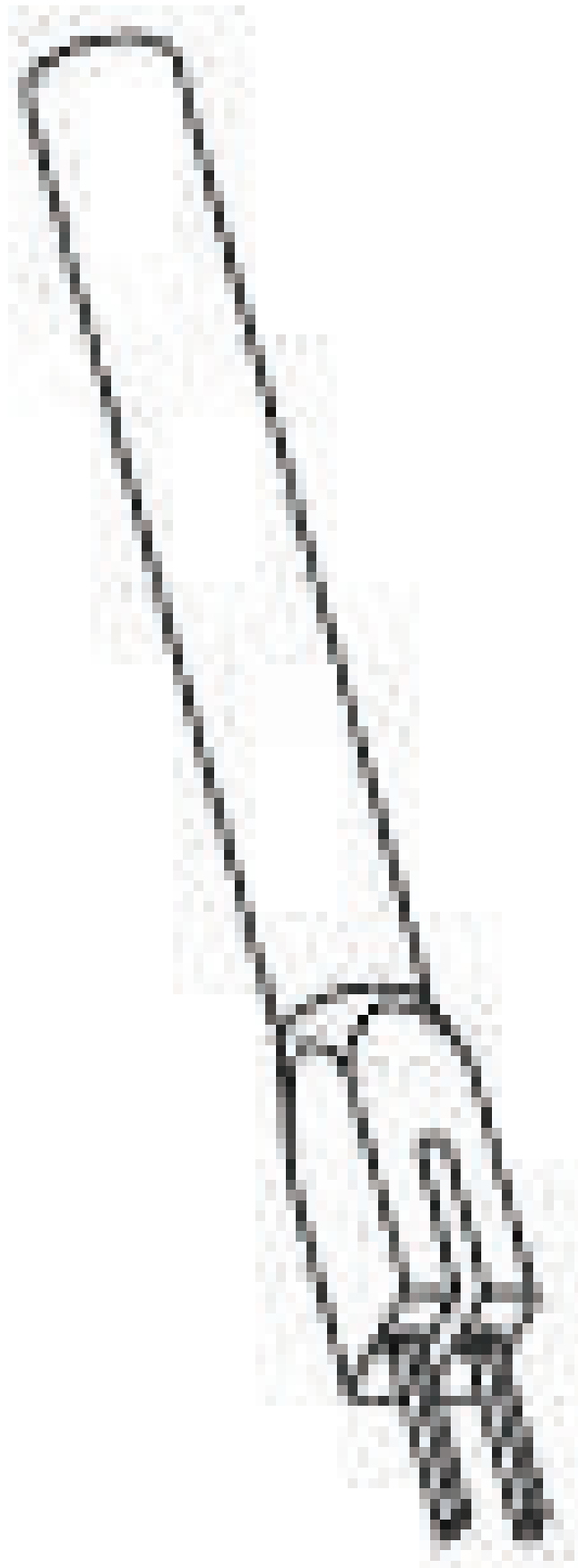
Parts					
Part number	Designation	Quantity	Note	EPC net	Non-EPC
0	Cable tie	2	Sourced locally	X	
A0005457880	Blind plug	1		X	
A2038260182	Repair kit	1	ECE version black turn signal socket, one side of vehicle	X	
A2038260282	Repair kit	1	USA version white turn signal socket, one side of vehicle	X	

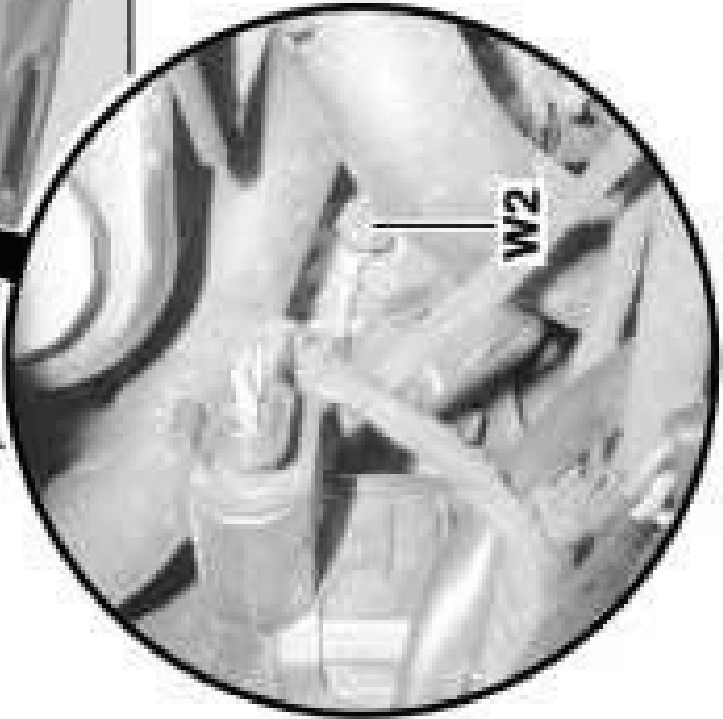
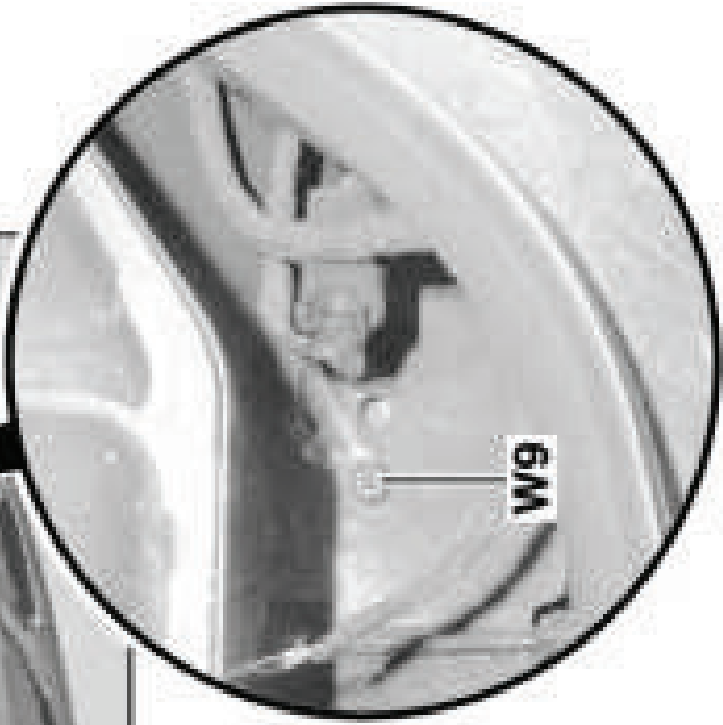
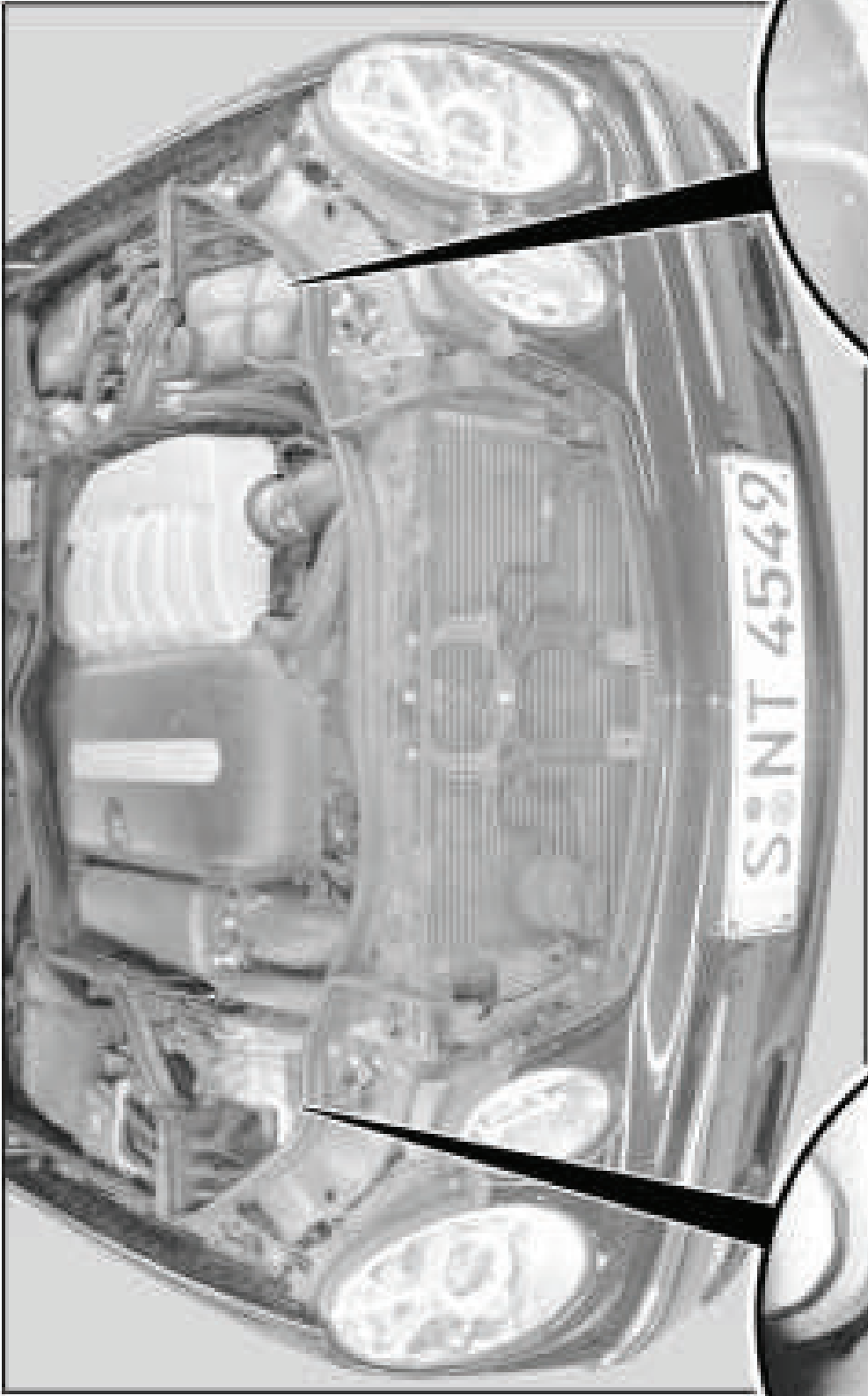
Work units				
Op. no.	Operation text	Time	Damage code	Note
54-7947	INSTALL REPAIR WIRING HARNESS FOR FRONT TURN SIGNAL; LOCATION:.....	5AW	82104 74	Refer to Warranty Matrix located on Netstar # VMI # Enter VIN # DTB # Find Document Number # Click on Related Warranty Information link
54-7949	INSTALL REPAIR WIRING HARNESS FOR BOTH FRONT TURN SIGNALS	8 AW	82104 74	
54-7989	DETACH/ATTACH GROUND CABLE ON ON-BOARD ELECTRICAL SYSTEM BATTERY	5AW	82104 74	WHEN DISCONNECTING ELECTRICAL CONNECTOR

Validity		
Vehicle	Engine	Transmission
211.004	*	*
211.006	*	*
211.016	*	*
211.026	*	*
211.028	*	*
211.042	*	*
211.061	*	*
211.065	*	*
211.070	*	*
211.076	*	*
211.080	*	*
211.082	*	*
211.083	*	*
211.206	*	*
211.216	*	*
211.226	*	*
211.242	*	*
211.261	*	*
211.265	*	*
211.270	*	*
211.276	*	*
211.280	*	*
211.282	*	*
211.283	*	*
211.606	*	*
211.616	*	*
E-Class 211	*	*









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