

Diagnosis – Function Test

Component Locations

Up to M.Y. 1997

Note:

M.Y. 1996 only:

Right front door lock switch deleted.

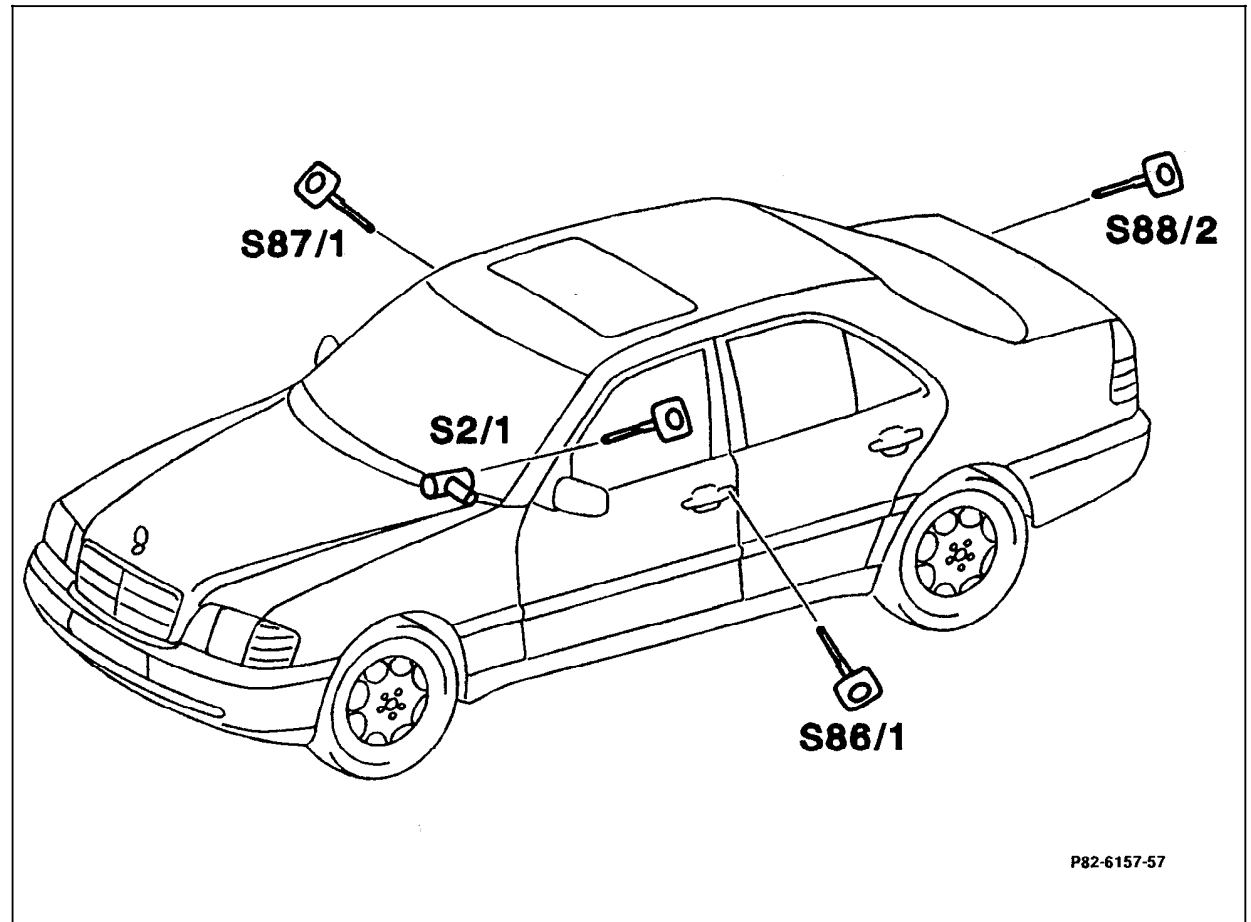


Figure 1

- S2/1 Ignition/starter switch
- S86/1 Left front door lock switch
- S87/1 Right front door lock switch
- S88/2 Trunk lid lock switch

P82-6157-57

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Diagnosis – Function Test

Component Locations

Up to M.Y. 1997

with RCL receiver (interior rear view mirror) (A26/7)

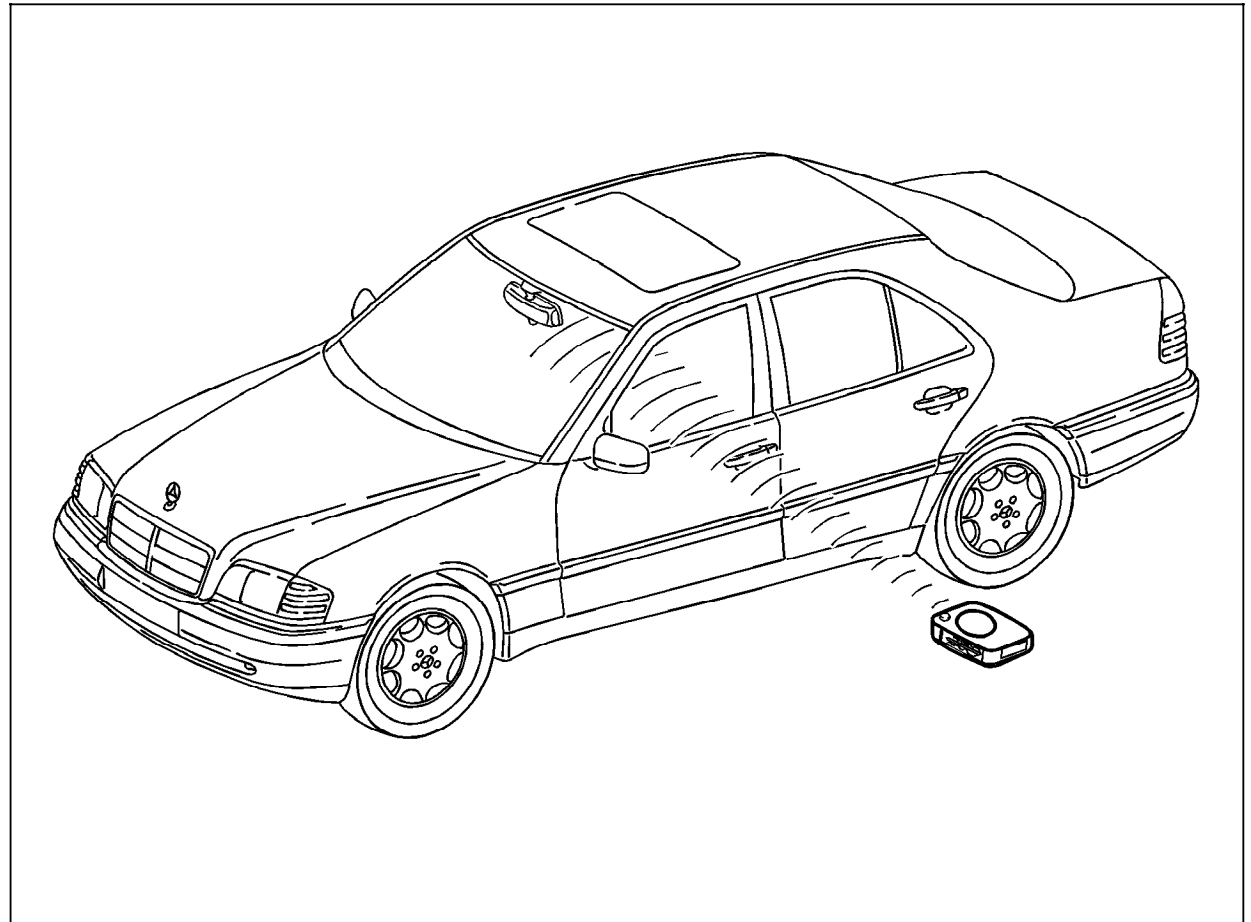


Figure 2

P80.30-0219-57

Diagnosis – Function Test

Component Locations

As of M.Y. 1997:

IR receivers added in left front door and trunk lid.

Left front door lock switch deleted.

Right front door lock switch added.

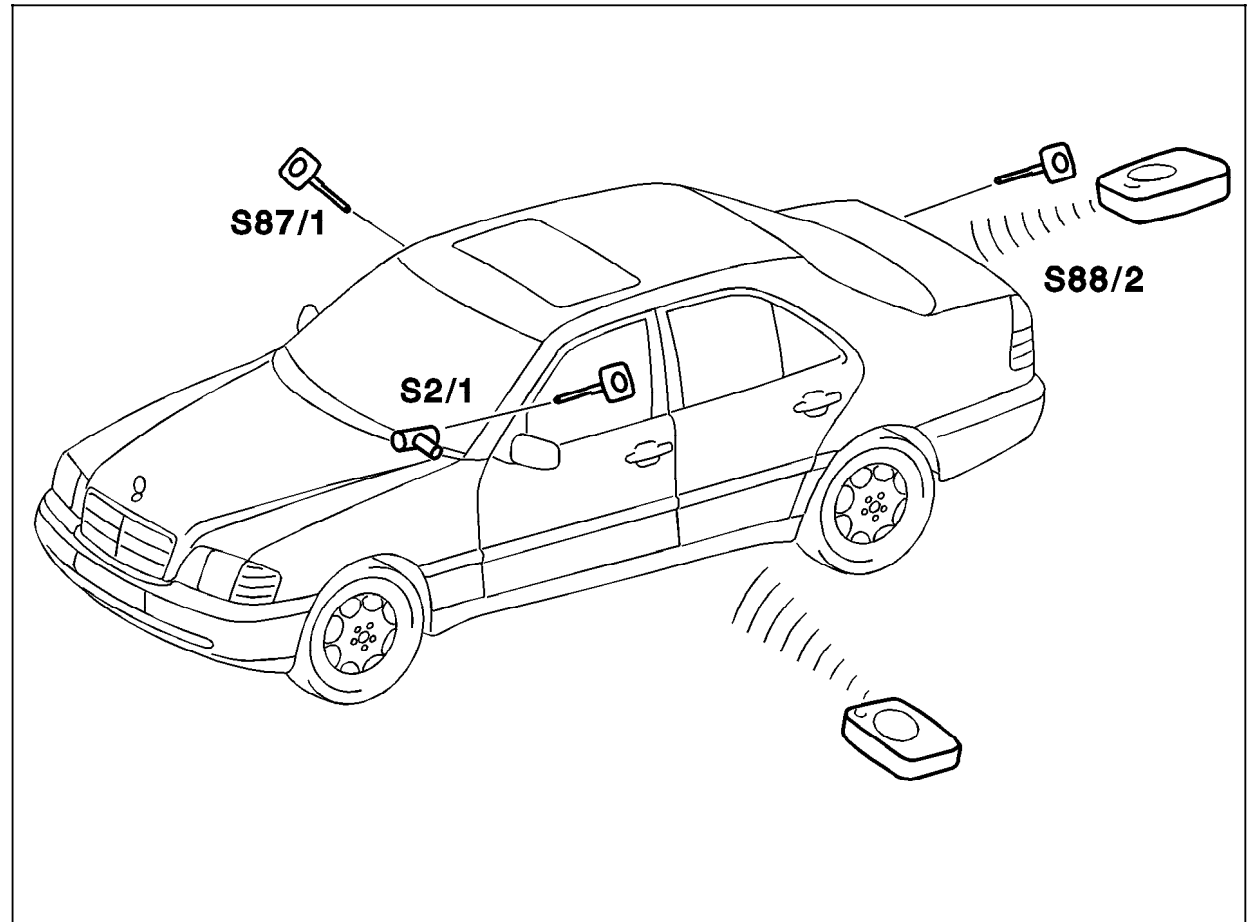


Figure 3

- S2/1 Ignition/starter switch
- S87/1 Right front door lock switch
- S88/2 Trunk lid lock switch

P82-6156-57

Diagnosis – Function Test



After performing the Function Test, erase any stored DTC's (see section 0).

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
⇒ 1.0 Activate ATA via left front door	<ul style="list-style-type: none"> <li>• Open driver's window.</li> <li>• Lock driver's door with key. (up to M.Y. 1997)</li> <li>• After approximately 15 seconds open door from inside.</li> <li>• Deactivate ATA.</li> </ul>	Alarm horn sounds, lights flash.	23 ⇒ 6.0
⇒ 2.0 Activate ATA via right front door	<ul style="list-style-type: none"> <li>• Open passenger window.</li> <li>• Lock passenger door with key. (as of M.Y. 1997)</li> <li>• After approximately 15 seconds open door from inside.</li> <li>• Deactivate ATA.</li> </ul>	Alarm horn sounds, lights flash.	23 ⇒ 6.0
⇒ 3.0 Activate ATA via left or right rear door	<ul style="list-style-type: none"> <li>• Open rear passenger window.</li> <li>• Lock driver's door with key. (up to M. Y. 1997)</li> <li>• Lock passenger door with key. (as of M. Y. 1997)</li> <li>• After approximately 15 seconds open rear door from inside.</li> <li>• Deactivate ATA.</li> </ul>	Alarm horn sounds, lights flash.	23 ⇒ 5.0

1) Observe Preparation for Test, see 22.

## Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
⇒ 4.0 Activate ATA via engine hood	<ul style="list-style-type: none"> <li>• Open driver's window.</li> <li>• Lock driver's door with key. (up to M. Y. 1997)</li> <li>• Lock passenger door with key. (as of M. Y. 1997)</li> <li>• Wait approximately 15 seconds.</li> <li>• Release engine hood through open window.</li> <li>• Open engine hood.</li> <li>• Deactivate ATA.</li> </ul>	Alarm horn sounds, lights flash.	23 ⇒ 8.0
⇒ 5.0 Activate ATA via trunk lid	<ul style="list-style-type: none"> <li>• Open trunk lid.</li> <li>• Lock driver's door with key. (up to M. Y. 1997)</li> <li>• Lock passenger door with key. (as of M. Y. 1997)</li> <li>• Turn off trunk lamp (rotary tumbler switch open).</li> <li>• Wait approximately 15 seconds.</li> <li>• Turn on trunk lamp. (rotary tumbler switch closed)</li> <li>• Deactivate ATA.</li> </ul>	Alarm horn sounds, lights flash.	23 ⇒ 7.0

<sup>1)</sup> Observe Preparation for Test, see 22.

## Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
<p>⇒ 6.0 Activate ATA via ignition</p>	<ul style="list-style-type: none"> <li>• Sit in driver's seat.</li> <li>• Open driver's door window (up to M. Y. 1997).</li> <li>• Open passenger door window (as of M. Y. 1997).</li> <li>• Lock vehicle with key from driver's door by reaching through open window (up to M. Y. 1997).</li> <li>• Lock vehicle with key from passenger door by reaching through open window (as of M. Y. 1997).</li> <li>• Wait approximately 15 seconds.</li> <li>• Turn ignition ON.</li> <li>• Measure duration of alarm (approx. 30 sec).</li> <li>• Deactivate ATA.</li> </ul>	<p>Alarm horn sounds, lights flash.</p>	<p>23 ⇒ 11.0</p>

<sup>1)</sup> Observe Preparation for Test, see 22.

## Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
<p>⇒ 7.0 Activate ATA via service brake</p>	<ul style="list-style-type: none"> <li>• Sit in driver's seat.</li> <li>• Open driver's door window (up to M. Y. 1997).</li> <li>• Open passenger door window (as of M. Y. 1997).</li> <li>• Lock vehicle with key from driver's door by reaching through open window (up to M. Y. 1997).</li> <li>• Lock vehicle with key from passenger door by reaching through open window (as of M. Y. 1997).</li> <li>• Wait approximately 15 seconds.</li> <li>• Turn ignition ON.</li> <li>• Measure duration of alarm (approx. 30 seconds).</li> <li>• When cycle ends, with ignition ON, step on service brake.</li> <li>• Deactivate ATA.</li> </ul>	<p>Alarm horn sounds, lights flash.</p> <p>Alarm horn sounds, lights flash.</p>	<p>23 ⇒ 9.0</p>

<sup>1)</sup> Observe Preparation for Test, see 22.

Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
<p>⇒ 8.0 Activate ATA via Radio (running change during M. Y. 1996)</p>	<ul style="list-style-type: none"> <li>• Sit in driver's seat.</li> <li>• Open driver's door window (up to M. Y. 1997).</li> <li>• Open passenger door window (as of M. Y. 1997).</li> <li>• Lock vehicle with key from driver's door by reaching through open window (up to M. Y. 1997).</li> <li>• Lock vehicle with key from passenger door by reaching through open window (as of M. Y. 1997).</li> <li>• Wait approximately 15 seconds.</li> <li>• Remove radio.</li> <li>• Deactivate ATA.</li> </ul> <p>Note: After Function Test radio must be recoded.</p>	<p>Alarm horn sounds, lights flash.</p>	<p>23 ⇒ 10.0 Radio contact separated.</p>

<sup>1)</sup> Observe Preparation for Test, see 22.



### Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
⇒ 9.0 <i>Not applicable for U.S.A. vehicles</i>	—	—	—
⇒ 10.0 <i>Not applicable for U.S.A. vehicles</i>	—	—	—
⇒ 11.0 <i>Not applicable for U.S.A. vehicles</i>	—	—	—
⇒ 12.0 ATA Status indicator (E33)	<ul style="list-style-type: none"> <li>• Lock vehicle.</li> <li>• Wait approximately 15 seconds.</li> </ul>	LED in ATA status indicator (center console) blinks.	23 ⇒ 26.0
⇒ 13.0 Starter lock-out <sup>2)</sup>	<ul style="list-style-type: none"> <li>• Sit in driver's seat.</li> <li>• Open driver's door window (up to M. Y. 1997).</li> <li>• Open passenger door window (as of M. Y. 1997).</li> <li>• Lock vehicle with key from driver's door by reaching through open window (up to M. Y. 1997).</li> <li>• Lock vehicle with key from passenger door by reaching through open window (as of M. Y. 1997).</li> <li>• Wait approximately 15 seconds.</li> <li>• Start engine.</li> <li>• Deactivate ATA.</li> <li>• Start engine.</li> </ul>	<p>Alarm sounds, engine <b>will not</b> crank.</p> <p>Engine starts.</p>	23 ⇒ 25.0

<sup>1)</sup> Observe Preparation for Test, see 22.

<sup>2)</sup> As of 01/94, starter lock-out function controlled by central locking system (PSE control module).

## Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
⇒ 14.0 <i>Not applicable for U.S.A. vehicles</i>	–	–	–
⇒ 15.0 <i>Not applicable for U.S.A. vehicles</i>	–	–	–

<sup>1)</sup> Observe Preparation for Test, see 22.