

Diagnosis – Function Test

Preliminary work:
 Checking/replacing batteries for IRCL transmitter and
 synchronizing transmitter signal

SMS, Job No. 80-420

Model 140 with RCL through model year
 1995

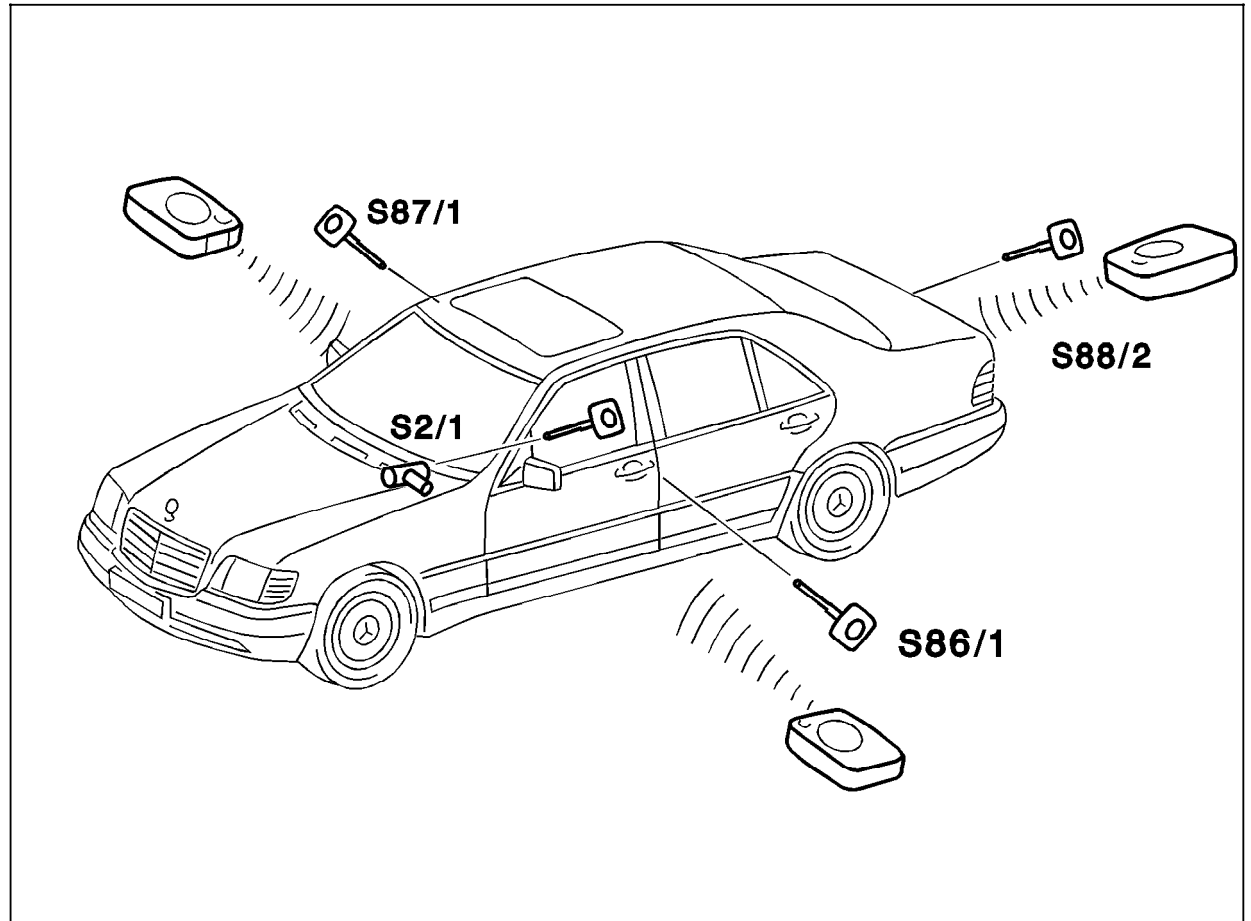


Figure 1

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

P82-7238-55

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Preliminary work:

Checking/replacing batteries for IRCL transmitter and
synchronizing transmitter signal

SMS, Job No. 80-420

Model 140 with RCL (model 202 shown)

As of M.Y. 1996:

with IR receiver in rear view mirror and
mechanical lock cylinders (USA), (J)

As of M. Y. 1997:

IR receiver in rear view mirror deleted.
3 IR receivers added in front doors and
trunk lid (as in Figure 1).

Mechanical lock cylinders retained

(USA), (J).

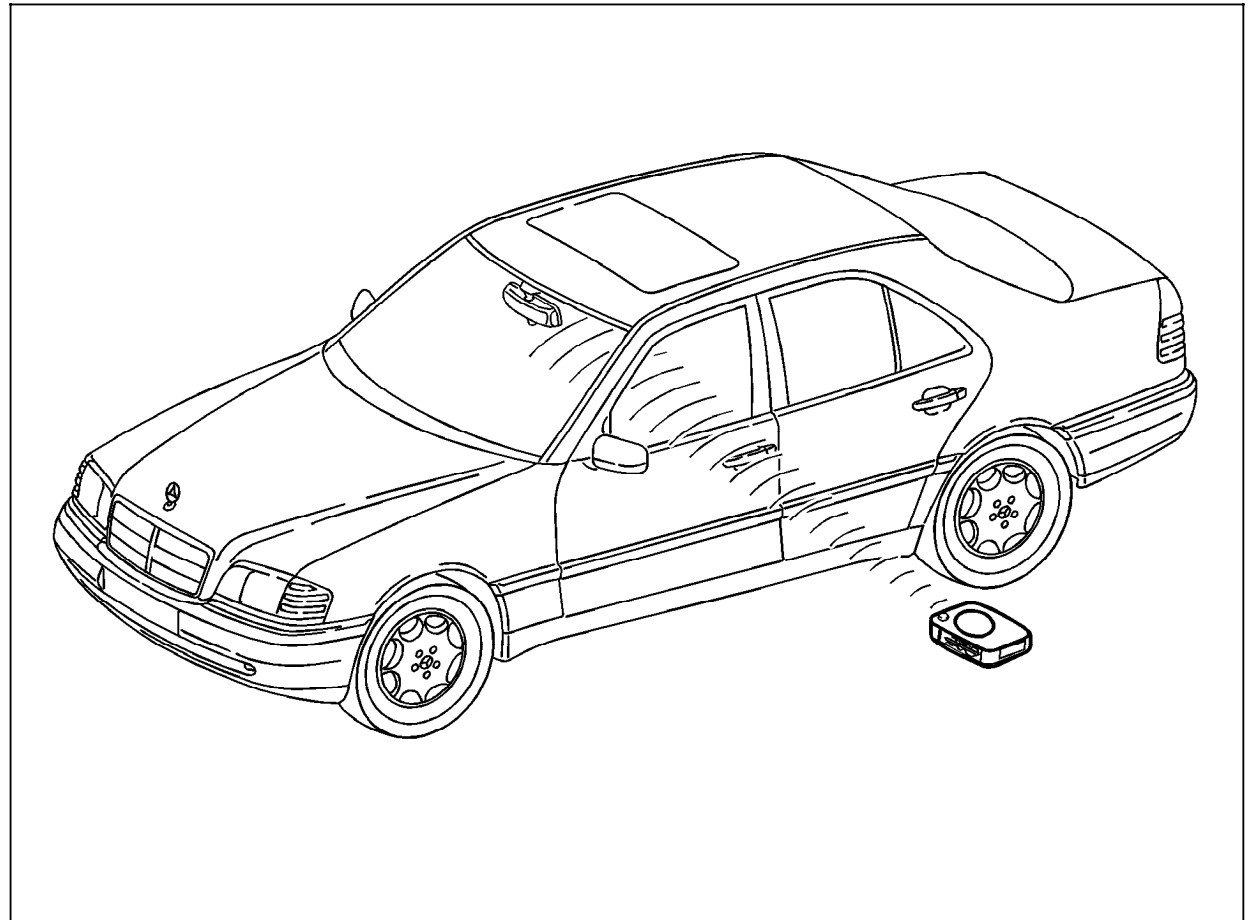


Figure 2

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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 ¹⁾
⇒ 1.0 Activate ATA via left front door	<ul style="list-style-type: none"> • Open driver's window. • Lock driver's door with key. • After approximately 15 seconds open door from inside. • Deactivate ATA. 	Alarm horn sounds, lights flash.	23 ⇒ 6.0
⇒ 2.0 Activate ATA via right front door	<ul style="list-style-type: none"> • Open passenger window. • Lock passenger door with key. • After approximately 15 seconds open door from inside. • Deactivate ATA. 	Alarm horn sounds, lights flash.	23 ⇒ 6.0
<p>Except Coupé</p> ⇒ 3.0 Activate ATA via left or right rear door	<ul style="list-style-type: none"> • Open rear passenger window. • Lock driver's door with key. • After approximately 15 seconds open rear door from inside. • Deactivate ATA. 	Alarm horn sounds, lights flash.	23 ⇒ 5.0
⇒ 4.0 Activate ATA via engine hood	<ul style="list-style-type: none"> • Open driver's window. • Lock left front door with key. • Wait approximately 15 seconds. • Release engine hood through open window of left front door. • Open engine hood. • Deactivate ATA. 	Alarm horn sounds, lights flash.	23 ⇒ 8.0

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 5.0 Activate ATA via trunk lid	<ul style="list-style-type: none"> • Open trunk lid. • Lock driver's door with key. • Turn off trunk lamp (rotary tumbler switch open). • Wait approximately 15 seconds. • Turn on trunk lamp (rotary tumbler switch closed). • Deactivate ATA. 	Alarm horn sounds, lights flash.	23 ⇒ 7.0
⇒ 6.0 Activate ATA via ignition	<ul style="list-style-type: none"> • Sit in driver's seat. • Open driver's window. • Lock vehicle with key from driver's door by reaching through open window. • Wait approximately 15 seconds. • Turn ignition ON. • Measure duration of alarm. (approx. 30 sec.). • Deactivate ATA. 	Alarm horn sounds, lights flash.	23 ⇒ 11.0

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 7.0 Activate ATA via service brake	<ul style="list-style-type: none"> • Sit in driver's seat. • Open driver's window. • Lock vehicle with key from driver's door by reaching through open window. • Wait approximately 15 seconds. • Turn ignition ON. • Measure duration of alarm. (approx. 30 sec.). • When alarm cycle ends, with ignition ON, step on service brake. • Deactivate ATA. 	<p>Alarm horn sounds, lights flash.</p> <p>Alarm horn sounds, lights flash.</p>	23 ⇒ 9.0
⇒ 8.0 Activate ATA via Radio (running change during M. Y.1996)	<ul style="list-style-type: none"> • Sit in driver's seat. • Open driver's window. • Lock vehicle with key from driver's door by reaching through open window. • Wait approximately 15 seconds. • Remove radio. • Deactivate ATA. <p>Note: After Function Test radio must be recoded.</p>	<p>Alarm horn sounds, lights flash.</p>	23 ⇒ 10.0 Radio contact separated.

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 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 indicator	<ul style="list-style-type: none"> • Lock vehicle. • Wait approximately 15 seconds. 	LED in center console blinks.	23 ⇒ 26.0
⇒ 13.0 Starter lock-out ²⁾	<ul style="list-style-type: none"> • Open driver's window. • Sit in driver's seat. • Lock vehicle with key from driver's window by reaching through open window . • Wait approximately 15 seconds. • Start engine. • Unlock vehicle. • Start engine. 	<p>Alarm sounds, engine will not crank.</p> <p>Engine starts.</p>	23 ⇒ 25.0
⇒ 14.0 <i>Not applicable for U.S.A. vehicles</i>	–	–	–
⇒ 15.0 <i>Not applicable for U.S.A. vehicles</i>	–	–	–

¹⁾ Observe Preparation for Test, see 22.

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