

## N10/8 - Rear signal acquisition and actuation module (Rear SAM) -F-

| Model         | Part number   | Supplier | Version   |
|---------------|---------------|----------|-----------|
| Hardware      | 222 901 72 01 | Hella    | 15/43 001 |
| Software      | 167 902 45 01 | Hella    | 17/42 000 |
| Boot software | ---           | ---      | 15/07 004 |

|                      |        |                      |                |
|----------------------|--------|----------------------|----------------|
| Diagnosis identifier | 00041B | Control unit variant | BC_R213_E120_1 |
|----------------------|--------|----------------------|----------------|

| Fault   | Text                                                                                                             | Status                  |
|---------|------------------------------------------------------------------------------------------------------------------|-------------------------|
| B211C15 | The output of relay 3 for the socket has a malfunction. There is a short circuit to positive or an open circuit. | A+S                     |
|         | <b>Name</b>                                                                                                      | <b>First occurrence</b> |
|         | Frequency counter                                                                                                | ---                     |
|         | Main odometer reading                                                                                            | 29120.00km              |
|         | Number of ignition cycles since the last occurrence of the fault                                                 | 0                       |

A+S=CURRENT and STORED

## LIN: N25/11 - Seat heater in left rear passenger compartment (Rear left seat heater) -✓-

| Model    | Part number   | Supplier    | Version   |
|----------|---------------|-------------|-----------|
| Hardware | 222 900 99 10 | Conti Temic | 14/36 000 |

|                      |        |                      |                         |
|----------------------|--------|----------------------|-------------------------|
| Diagnosis identifier | 000103 | Control unit variant | SHM_RL_MOPF222_R14_0103 |
|----------------------|--------|----------------------|-------------------------|

## LIN: N25/12 - Seat heater in right rear passenger compartment (Rear right seat heater) -✓-

| Model    | Part number   | Supplier    | Version   |
|----------|---------------|-------------|-----------|
| Hardware | 222 900 99 10 | Conti Temic | 14/36 000 |

|                      |        |                      |                         |
|----------------------|--------|----------------------|-------------------------|
| Diagnosis identifier | 000103 | Control unit variant | SHM_RR_MOPF222_R14_0103 |
|----------------------|--------|----------------------|-------------------------|

## LIN: R13/1..4, M18/5..12 - Seat heater/seat ventilation (SIH/SIB) -✓-

## N69/3 - Left rear door (DCU-LR) -F-

| Model         | Part number   | Supplier | Version   |
|---------------|---------------|----------|-----------|
| Hardware      | 213 901 10 08 | Temic    | 16/20 000 |
| Software      | 222 902 75 17 | Temic    | 17/39 000 |
| Boot software | ---           | ---      | 16/10 000 |

|                      |        |                      |                             |
|----------------------|--------|----------------------|-----------------------------|
| Diagnosis identifier | 020411 | Control unit variant | DMRL222_MOPF_DM222_MOPF_R17 |
|----------------------|--------|----------------------|-----------------------------|

| Fault   | Text                                                                                                               | Status                  |
|---------|--------------------------------------------------------------------------------------------------------------------|-------------------------|
| B22F92A | The position sensor for roller sun blind motor 'Side window at rear' has a malfunction. There is no signal change. | A+S                     |
|         | <b>Name</b>                                                                                                        | <b>First occurrence</b> |
|         | Frequency counter                                                                                                  | ---                     |
|         | Main odometer reading                                                                                              | 29056km                 |
|         | Number of ignition cycles since the last occurrence of the fault                                                   | 0                       |

A+S=CURRENT and STORED

## N3/10 - Motor electronics 'MED1775' for combustion engine 'M176' (ME) -f-

| Model         | Part number   | Supplier | Version   |
|---------------|---------------|----------|-----------|
| Hardware      | 177 901 39 00 | Bosch    | 14/30 000 |
| Software      | 177 902 98 00 | Bosch    | 18/09 000 |
| Software      | 176 903 58 00 | Bosch    | 18/24 000 |
| Boot software | 177 904 01 00 | Bosch    | 13/36 000 |

|                      |        |                      |                      |
|----------------------|--------|----------------------|----------------------|
| Diagnosis identifier | 02470F | Control unit variant | MED1775_VC9_Star_2_3 |
|----------------------|--------|----------------------|----------------------|

| Fault   | Text                                                                                                | Status                                                                                  |
|---------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| P030022 | Combustion misfiring has been detected. The signal amplitude is greater than the maximum amplitude. | S  |
|         | <b>Name</b>                                                                                         | <b>First occurrence</b>                                                                 |
|         | Operating mode (bdemod)                                                                             | 0.00                                                                                    |
|         |                                                                                                     | 0.00                                                                                    |

|                                 |         |                   |
|---------------------------------|---------|-------------------|
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| Fault   | Text                                                                             |                  |                 | Status                                                                                  |
|---------|----------------------------------------------------------------------------------|------------------|-----------------|-----------------------------------------------------------------------------------------|
|         | Name                                                                             | First occurrence | Last occurrence |                                                                                         |
|         | Development data ((combust1_u))                                                  | 133.00           | 130.00          |                                                                                         |
|         | Development data ((enhdtcinfo))                                                  | 9.00             | 9.00            |                                                                                         |
|         | Lambda control upstream of left catalytic converter (frm2_u)                     | 0.00-            | 0.00-           |                                                                                         |
|         | Lambda control upstream of right catalytic converter (frm_u)                     | 0.00-            | 0.00-           |                                                                                         |
|         | Selector lever position (GWHPOS)                                                 | 33.00            | 33.00           |                                                                                         |
|         | Development data ((high_byte_of_fratlp2_w))                                      | 0.00-            | 0.00-           |                                                                                         |
|         | Development data ((high_byte_of_fratlp_w))                                       | 0.00-            | 0.00-           |                                                                                         |
|         | Self-adjustment in partial-load range, right cylinder bank (high_byte_of_fra_w)  | 0.00-            | 0.00-           |                                                                                         |
|         | Number of combustion misfires (high_byte_of_fzabgs_w)                            | 0.30             | 0.30            |                                                                                         |
|         | Development data ((HIGH_BYTE_OF_OFMSNDKB1_W))                                    | 0.00kg/h         | 0.00kg/h        |                                                                                         |
|         | Development data ((HIGH_BYTE_OF_OFMSNDKB2_W))                                    | 0.00kg/h         | 0.00kg/h        |                                                                                         |
|         | Development data ((high_byte_of_rlmaxmd_w))                                      | 0.01%            | 0.01%           |                                                                                         |
|         | Development data ((high_byte_of_rlmds_w))                                        | 0.00%            | 0.00%           |                                                                                         |
|         | Driving distance since activation of engine diagnosis indicator lamp (kmmilon_w) | 1792.00km        | 98.00km         |                                                                                         |
|         | CAN message 'Odometer' (KMODOENV_W)                                              | 304.00km         | 448.00km        |                                                                                         |
|         | Lambda value of left cylinder bank (lamsoni2_u)                                  | 0.00-            | 0.00-           |                                                                                         |
|         | Lambda value of right cylinder bank (lamsoni_u)                                  | 0.00-            | 0.00-           |                                                                                         |
|         | Indicated engine torque (miist_w)                                                | 0.00%            | 0.00%           |                                                                                         |
|         | Torque request (mss_info)                                                        | 16.00            | 18.00           |                                                                                         |
|         | Engine speed (nmot)                                                              | 280.00 1/min     | 280.00 1/min    |                                                                                         |
|         | Self-adjustment in idle speed range, left cylinder bank (ora2)                   | -0.01%           | -0.01%          |                                                                                         |
|         | Self-adjustment in idle speed range, right cylinder bank (ora)                   | -1.44%           | -1.44%          |                                                                                         |
|         | Vehicle speed (PID0Dh)                                                           | 101.00           | 107.00          |                                                                                         |
|         | Fill level of fuel tank (PID2Fh)                                                 | 0.00%            | 0.00%           |                                                                                         |
|         | Ambient pressure (PID33h)                                                        | 145.00           | 147.00          |                                                                                         |
|         | Low fuel pressure (absolute value) (PISTND_U)                                    | 0.00bar          | 0.00bar         |                                                                                         |
|         | Rail pressure (raw value) (PRROH2)                                               | 0.00bar          | 0.00bar         |                                                                                         |
|         | Rail pressure (raw value) (PRROH)                                                | 0.00bar          | 0.00bar         |                                                                                         |
|         | Development data ((PSR1_W))                                                      | 1008.98hPa       | 1015.00hPa      |                                                                                         |
|         | Development data ((PSR2_W))                                                      | 407.50hPa        | 450.94hPa       |                                                                                         |
|         | Pressure upstream of throttle valve actuator (PVD1_W)                            | 1242.97hPa       | 1243.98hPa      |                                                                                         |
|         | Pressure upstream of throttle valve actuator (PVD2_W)                            | 1003.98hPa       | 1006.95hPa      |                                                                                         |
|         | Specified pressure upstream of throttle valve actuator (pvds_w)                  | 2011.80hPa       | 2015.55hPa      |                                                                                         |
|         | Development data ((RK2_U))                                                       | 0.02%            | 0.02%           |                                                                                         |
|         | Development data ((rk_u))                                                        | 0.00%            | 0.00%           |                                                                                         |
|         | Development data ((RL1_U))                                                       | 0.01%            | 0.01%           |                                                                                         |
|         | Development data ((RL2_U))                                                       | 0.01%            | 0.01%           |                                                                                         |
|         | Development data ((TANS1_U))                                                     | -308.42°C        | -308.39°C       |                                                                                         |
|         | Development data ((TANS2_U))                                                     | -308.43°C        | -308.43°C       |                                                                                         |
|         | Development data ((TFUELFR2))                                                    | 77.25°C          | 76.50°C         |                                                                                         |
|         | Fuel temperature (raw value) (tfuelfr)                                           | 137.25°C         | 136.50°C        |                                                                                         |
|         | Engine temperature (tmot)                                                        | -36.00°C         | -35.25°C        |                                                                                         |
|         | Development data ((TMSTZ))                                                       | -22.50°C         | -23.25°C        |                                                                                         |
|         | Ambient temperature (tumg)                                                       | 98.25°C          | 101.25°C        |                                                                                         |
|         | Development data ((TVABGKL))                                                     | 0.00%TV          | 0.00%TV         |                                                                                         |
|         | Development data ((WDK1BA_U))                                                    | 0.00%DK          | 0.00%DK         |                                                                                         |
|         | Development data ((WDK2BA_U))                                                    | 0.00%DK          | 0.00%DK         |                                                                                         |
|         | Mean value of ignition angle setting in direction "Retarded" (wkrmv)             | 9.75°            | 9.75°           |                                                                                         |
|         | Position of exhaust camshaft of left cylinder bank (wnwa2_u2)                    | 0.00°            | 0.00°           |                                                                                         |
|         | Position of exhaust camshaft of right cylinder bank (wnwa_u)                     | -0.01°           | -0.01°          |                                                                                         |
|         | Position of intake camshaft of left cylinder bank (wnwe2_u)                      | 0.00°            | 0.00°           |                                                                                         |
|         | Position of intake camshaft of right cylinder bank (wnwe_u)                      | 0.00°            | 0.00°           |                                                                                         |
|         | Specified value for positions of exhaust camshaft (wnwsa_u)                      | 0.00°            | 0.00°           |                                                                                         |
|         | Specified value for positions of intake camshaft (wnwse_u)                       | 0.00°            | 0.00°           |                                                                                         |
|         | Development data ((WUB))                                                         | 0.00V            | 0.00V           |                                                                                         |
|         | Development data ((xSet9))                                                       | 3.00             | 4.00            |                                                                                         |
|         | Ignition angle (zwoutakt)                                                        | 17.25°           | 19.50°          |                                                                                         |
|         | Frequency counter                                                                | ---              | 7.00            |                                                                                         |
|         | Number of warm-up phases until the fault code is automatically erased            | ---              | 40.00           |                                                                                         |
|         | Main odometer reading                                                            | 77936.00km       | ---             |                                                                                         |
| P030700 | Combustion misfiring of cylinder 7 has been detected. _                          |                  |                 | S  |

| Fault | Text                                                                             |                  |                 | Status |
|-------|----------------------------------------------------------------------------------|------------------|-----------------|--------|
|       | Name                                                                             | First occurrence | Last occurrence |        |
|       | Operating mode (bdemod)                                                          | 0.00             | 0.00            |        |
|       | Development data ((combust1_u))                                                  | 133.00           | 130.00          |        |
|       | Development data ((enhdtcinfo))                                                  | 9.00             | 9.00            |        |
|       | Lambda control upstream of left catalytic converter (frm2_u)                     | 0.00-            | 0.00-           |        |
|       | Lambda control upstream of right catalytic converter (frm_u)                     | 0.00-            | 0.00-           |        |
|       | Selector lever position (GWHPOS)                                                 | 33.00            | 33.00           |        |
|       | Development data ((high_byte_of_fratlp2_w))                                      | 0.00-            | 0.00-           |        |
|       | Development data ((high_byte_of_fratlp_w))                                       | 0.00-            | 0.00-           |        |
|       | Self-adjustment in partial-load range, right cylinder bank (high_byte_of_fra_w)  | 0.00-            | 0.00-           |        |
|       | Number of combustion misfires (high_byte_of_fzabgs_w)                            | 0.30             | 0.30            |        |
|       | Development data ((HIGH_BYTE_OF_OFMSNDKB1_W))                                    | 0.00kg/h         | 0.00kg/h        |        |
|       | Development data ((HIGH_BYTE_OF_OFMSNDKB2_W))                                    | 0.00kg/h         | 0.00kg/h        |        |
|       | Development data ((high_byte_of_rlmaxmd_w))                                      | 0.01%            | 0.01%           |        |
|       | Development data ((high_byte_of_rlmds_w))                                        | 0.00%            | 0.00%           |        |
|       | Driving distance since activation of engine diagnosis indicator lamp (kmmilon_w) | 1792.00km        | 98.00km         |        |
|       | CAN message 'Odometer' (KMODOENV_W)                                              | 304.00km         | 448.00km        |        |
|       | Lambda value of left cylinder bank (lamsoni2_u)                                  | 0.00-            | 0.00-           |        |
|       | Lambda value of right cylinder bank (lamsoni_u)                                  | 0.00-            | 0.00-           |        |
|       | Indicated engine torque (miist_w)                                                | 0.00%            | 0.00%           |        |
|       | Torque request (mss_info)                                                        | 16.00            | 18.00           |        |
|       | Engine speed (nmot)                                                              | 280.00 1/min     | 280.00 1/min    |        |
|       | Self-adjustment in idle speed range, left cylinder bank (ora2)                   | -0.01%           | -0.01%          |        |
|       | Self-adjustment in idle speed range, right cylinder bank (ora)                   | -1.44%           | -1.44%          |        |
|       | Vehicle speed (PID0Dh)                                                           | 101.00           | 107.00          |        |
|       | Fill level of fuel tank (PID2Fh)                                                 | 0.00%            | 0.00%           |        |
|       | Ambient pressure (PID33h)                                                        | 145.00           | 147.00          |        |
|       | Low fuel pressure (absolute value) (PISTND_U)                                    | 0.00bar          | 0.00bar         |        |
|       | Rail pressure (raw value) (PRROH2)                                               | 0.00bar          | 0.00bar         |        |
|       | Rail pressure (raw value) (PRROH)                                                | 0.00bar          | 0.00bar         |        |
|       | Development data ((PSR1_W))                                                      | 1008.98hPa       | 1015.00hPa      |        |
|       | Development data ((PSR2_W))                                                      | 407.50hPa        | 450.94hPa       |        |
|       | Pressure upstream of throttle valve actuator (PVD1_W)                            | 1242.97hPa       | 1243.98hPa      |        |
|       | Pressure upstream of throttle valve actuator (PVD2_W)                            | 1003.98hPa       | 1006.95hPa      |        |
|       | Specified pressure upstream of throttle valve actuator (pvds_w)                  | 2011.80hPa       | 2015.55hPa      |        |
|       | Development data ((RK2_U))                                                       | 0.02%            | 0.02%           |        |
|       | Development data ((rk_u))                                                        | 0.00%            | 0.00%           |        |
|       | Development data ((RL1_U))                                                       | 0.01%            | 0.01%           |        |
|       | Development data ((RL2_U))                                                       | 0.01%            | 0.01%           |        |
|       | Development data ((TANS1_U))                                                     | -308.42°C        | -308.39°C       |        |
|       | Development data ((TANS2_U))                                                     | -308.43°C        | -308.43°C       |        |
|       | Development data ((TFUELF2))                                                     | 77.25°C          | 76.50°C         |        |
|       | Fuel temperature (raw value) (tfuelfr)                                           | 137.25°C         | 136.50°C        |        |
|       | Engine temperature (tmot)                                                        | -36.00°C         | -35.25°C        |        |
|       | Development data ((TMSTZ))                                                       | -22.50°C         | -23.25°C        |        |
|       | Ambient temperature (tumg)                                                       | 98.25°C          | 101.25°C        |        |
|       | Development data ((TVABGKL))                                                     | 0.00%TV          | 0.00%TV         |        |
|       | Development data ((WDK1BA_U))                                                    | 0.00%DK          | 0.00%DK         |        |
|       | Development data ((WDK2BA_U))                                                    | 0.00%DK          | 0.00%DK         |        |
|       | Mean value of ignition angle setting in direction "Retarded" (wkrmv)             | 9.75°            | 9.75°           |        |
|       | Position of exhaust camshaft of left cylinder bank (wnwa2_u2)                    | 0.00°            | 0.00°           |        |
|       | Position of exhaust camshaft of right cylinder bank (wnwa_u)                     | -0.01°           | -0.01°          |        |
|       | Position of intake camshaft of left cylinder bank (wnwe2_u)                      | 0.00°            | 0.00°           |        |
|       | Position of intake camshaft of right cylinder bank (wnwe_u)                      | 0.00°            | 0.00°           |        |
|       | Specified value for positions of exhaust camshaft (wnwsa_u)                      | 0.00°            | 0.00°           |        |
|       | Specified value for positions of intake camshaft (wnwse_u)                       | 0.00°            | 0.00°           |        |
|       | Development data ((WUB))                                                         | 0.00V            | 0.00V           |        |
|       | Development data ((xSet9))                                                       | 3.00             | 4.00            |        |
|       | Ignition angle (zwoutakt)                                                        | 17.25°           | 19.50°          |        |
|       | Frequency counter                                                                | ---              | 7.00            |        |
|       | Number of warm-up phases until the fault code is automatically erased            | ---              | 40.00           |        |
|       | Main odometer reading                                                            | 77936.00km       | ---             |        |