



## EVENT DAN ERROR YANG TERJADI PADA LAYAR MONITOR BESERTA KETERANGAN ERROR



Error yang terjadi pada monitor

■ 170301 Component 'B15 (Left rear axle rpm sensor)' has a short circuit to positive.  
■ 170304 Component 'B15 (Left rear axle rpm sensor)' has a short circuit to ground.  
■ 170305 Component 'B15 (Left rear axle rpm sensor)' has an open circuit.  
■ 170306 Component 'B15 (Left rear axle rpm sensor)' has a short circuit.  
■ 170307 The sensor rotor at component 'B15 (Left rear axle rpm sensor)' has a mechanical fault.  
■ 170308 The sensor rotor at component 'B15 (Left rear axle rpm sensor)' has been incorrectly installed.  
■ 170309 The sensor rotor at component 'B15 (Left rear axle rpm sensor)' has a mechanical fault.  
■ 170310 CAN communication between components 'A108 (electronic brake system control unit (EBS))' and 'B15 (Left rear axle rpm sensor)' has a plausibility error.  
■ 170401 Component 'A20 (Front axle modulator)' has a plausibility error.  
■ 170402 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170403 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170404 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170405 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170406 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170407 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170408 Component 'A20 (Front axle modulator)' has an internal fault.  
■ 170409 The EDPF function is currently unavailable.

■ 180301 The air gap between component 'B16 (Right rear axle rpm sensor)' and the sensor rotor is too large.  
■ 180304 Component 'B16 (Right rear axle rpm sensor)' has a short circuit to ground.  
■ 180305 Component 'B16 (Right rear axle rpm sensor)' has an open circuit.  
■ 180306 Component 'B16 (Right rear axle rpm sensor)' has a short circuit.  
■ 180307 The sensor rotor at component 'B16 (Right rear axle rpm sensor)' has a mechanical fault.  
■ 180308 Component 'B16 (Right rear axle rpm sensor)' has an open circuit or incorrectly installed.  
■ 180309 The sensor rotor at component 'B16 (Right rear axle rpm sensor)' has a mechanical fault.

keterangan dan penjelasan dari kode error

## MELAKUKAN PENGECEKAN SENSOR DAN KERUSAKAN YANG TERJADI BERDASARKAN KETERANGAN ERROR



mengukur tahanan sensor (1.280 ohm) (OK)



Lining break broken



GAP sensor lebar



Measuring ring (OK)

## PROSES PERBAIKAN TERHADAP LINING BREAK DAN MEASURING RING



Before



After



Before



After

RESULT : DRIVER MELAPORKAN BAHWA TERJADI ERROR BRAKE PADA MONITOR, KEMUDIAN SAYA MENGECEK ERROR TERSEBUT DAN MENGARAH KEPADA SENSOR WHEEL SPEED YANG BERADA DI RIGHT REAR AXLE. KEMUDIAN SAYA MENGECEK SENSOR TERSEBUT DENGAN MEMBUKA RODA DAN DITEMUKAN LINING BREAK BROKEN, TETAPI MEASURING RING DALAM KEADAAN BAGUS NAMUN TERLIHAT GAP ANTARA SENSOR DENGAN MEASURING RING TERLALU JAUH. BERDASARKAN OBSERVASI DIATAS KEMUDIAN SAYA MENGGANTI LINING BREAK, MENGUKUR TAHANAN SENSOR DAN REPOSISSI SENSOR DENGAN GAP (0,5 mm) ANTAR SENSOR WHEEL SPEED DENGAN MEASURING RING. HASILNYA ERROR PADA MINITOR MENGHILANG DAN UNIT KEMBALI BEROPERASI.