## DD5 GHG17 (front)

- 1. CYLINDER HEAD
- 2. DECOMPRESSION BRAKE
- 3. FITTED BOLT
- 4. HEX SCREW MBN 10105-M 8X 65- 10.9 DBL9440.40
- 5. HEX SCREW MBN10105-M14X1,5X30-10.9DBL9440.40
- 6. REAR SUSPENSION EYE
- 7. BOLT 8. BOLT
- 9. VALVE SPRING OUTLET
- 10. VALVE COLLET
- 11. VALVE SPRING PLATE
- 12. VALVE SPRING INLET
- 13. VALVE STEM SEAL
- 14. THRUST PLATE
- 15. CAMSHAFT OUTLET W BRAKE
- 16. CAMSHAFT BEARING UPR
- 17. CAMSHAFT ADJUSTER
- 18. CENTRAL VALVE
- 19. CAMSHAFT INLET
- 20. CAMSHAFT BEARING LWR
- 21. IDLER GEAR / Z12
- 22. BEARING JOURNAL / Z12
- 23. BOLT HEX HEAD FLANGE MBN10105-M10X 35-10.9DBL9440.40 73. BOLT HEX HEAD FLANGE M10X1.5X40-10.9
- 25. HEX SCREW MBN 10105-M 8X 65- 10.9 DBL9440.40
- 26. BEARING BRACKET INLET 27. ROCKER SHAFT INLET COMPL
- 28. ROCKER SHAFT OUTLET COMPL W EXHAUST-BRAKE
- 29. BEARING BRACKET OUTLET
- 30. SCREW HEX MBN 10105-M 6X 16- 10.9 DBL 9440.40
- 31. SPEED SENSOR CAMSHAFT
- 32. BEARING BRACKET OUTLET
- 33. SEAL RING DIN 7603-A 18 X 24-CU CU/SN12
- 34. SUSPENSION EYE RR
- 35. NON-RETURN VALVE / ENTLUEFTUNG
- 36. PROFILE SEAL
- 37. FITTED SLEEVE
- 38. TIMING CASE
- 39. SEAL
- 40. STUD 41. IDLER GEAR / Z11
- 42. BEARING JOURNAL / Z11
- 43. BOLT HEX HEAD FLANGE MBN10105-M10X35-10.9DBL9440.40
- 44. BOLT HEX HEAD FLANGE M10X1.5X50-10.9
- 45. IDLER GEAR / Z8 Z10
- 46. BEARING JOURNAL / Z8/Z10
- 47. HEX SCREW MBN 10105-M12X1.5X60- 10.9 DBL9440.40
- 48. FLYWHEEL CARRIER / SAE 3
- 49. CAP SCREW
- 50. CRANKSHAFT GEAR / Z1

- 51. HEX SCREW MBN 10105-M12X1.5X60- 10.9 DBL9440.40
- 52. BEARING JOURNAL / Z5
- 53. IDLER GEAR F AIR COMPRESSOR / Z5
- 54. NUT HEX W/ FLANGE M20X1.5-LHDIN7167DBL9440.40ISO 898-6 104. DIPSTICK
- 55. DRIVE GEAR FAIR COMPRESSOR
- 56. BOLT HEX HEAD FLANGE M10X1.5X25-10.9
- 57. IDLER GEAR / Z2 Z7 O.NA
- 58. BEARING JOURNAL / Z2/Z7 WITHOUT POWER TAKE OFF
- 59. HEX SCREW MBN 10105-M10X 65- 10.9 DBL9440.40
- 60. INJECTOR
- 61. CLAMPING BRACKET
- 62. SPHERICAL COLLAR BOLT
- 63. HIGH PRESSURE LINE
- 64. HXRD SCREW MBN 10143-M10X 80-10.9 DBL9440.40
- 65. HIGH PRESSURE ACCUMULATOR
- 66. HIGH PRESSURE LINE
- 67. HIGH PRESSURE LINE
- 68. FUEL LINE
- 69. FUEL LINE
- 70. BOLT HEX HEAD FLANGE M8X1.25X40-10.9
- 71. BOLT HEX HEAD FLANGE M8X1.25X16-10.9
- 72. STANCHION /HIGH PRESSURE PUMP
- 24. BOLT HEX HEAD FLANGE MBN10105-CM8X100-10.9DBL9440.40 74. HIGH-PRESSURE TRANSFER PUMP FOR COMMON RAIL / P
  - 75. BOLT HEX HEAD FLANGE M8X1.25X25-10.9
  - 76. BOLT HEX HEAD FLANGE MBN10105-M8X30-10.9DBL9440.40
  - 77. FUEL LINE
  - 78. FUEL LINE
  - 79. BRACKET
  - 80. NOISE DAMPER
  - 81. SUCTION LINE
  - 82. BOLT HEX HEAD FLANGE MBN10105-M8X20-10.9DBL9440.40
  - 83. FITTING SCREW-IN DIN 7168 EN AW-6082 T6
  - 84. O-RING
  - 85. O-RINGS, TOROIDAL SEALING RINGS
  - 86. AIR COMPRESSOR
  - 87. SCREW MBN 10143-M10X 40X10.9 DBL9440.40

  - 88. GASKET(O-RING)
  - 89. CLOSING COVER(METAL)
  - 90. BOLT HEX HEAD FLANGE MBN10105-M10X35-10.9DBL9440.40
  - 91. COVER PROTV 21-WAY MCM CAP
  - 92. BOLT HEX HEAD FLANGE M8X1.25X40-10.9 93. BUFFER FOR BREAKOUT

  - 94. HALTER
  - 95. CTRL UNIT MCM / 2.1 D4 MUSTER MDEG NAFTA ROM W/O C
  - 96. HEX SCREW MBN 10105-C M 8X 70- 10.9 DBL9440.40
  - 97. ELECTR.WIRING HARNESS
  - 98. BRACKET
  - 99. TEMPERATURE SENSOR (OIL PUMP) 100. PRESSURE SENSOR (OIL PUMP)

- 101. FUEL FILTER
- 102. WATER HOSE
- 103. P-CLIP N 16016-B RSGU 15/ 15
- 105. BRACKET
- 106. DIPSTICK GUIDE TUBE
- 107. DIPSTICK BRACKET
- 108. CLAMP MBM 10223-12 -22X12 SW8-W3/W4
- 109. OIL SUMP
- 110. THRUST WASHER
- 111. CRANKSHAFT PAGE 0FF
- 112. COOLANT LINE
- 113. FITTING SCREW-IN DIN 7168 EN AW-6082 T6
- 114. CRANKCASE
- 115. COOLANT LINE
- 116. HALTER BRACKET
- 117. MAIN BEARING, UPPER HALF
- 118. MAIN BEARING LOWER HALF
- 119. CONNECTING ROD
- 120. PISTON
- 121. CONNECTING ROD BEARING UPPER HALF
- 122. CONNECTING ROD BEARING LOWER HALF
- 123. HEX SCREW MBN10105-M16X1,5X50-10.9DBL9440.40
- 124. BOLT HEX HEAD FLANGE M16X1.5X90-10.9
- 125. ENGINE MOUNT FRT
- 126. SLEEVE SOCKET
- 127. COVER PLATE FRONT 128. ROTARY SHAFT SEAL
- 129. BELT PULLEY
- 130. BOLT
- 131. GUIDE PULLEY
- 132. GUIDE PULLEY
- 133. BOLT
- 134. HXRD SCREW MBN 10142-M10X 30-10.9
- 135. BELT TENSIONER CAP
- 136. SCREW PLUG DIN 908-M24X1,5-ST DBL9440.40
- 137. SEAL RING DIN 7603-A 24 X 29-CU CU/SN12
- 138. BOLT HEX HEAD FLANGE M8X1.25X50-10.9 139. BOLT HEX HEAD FLANGE M8X1.25X80-10.9
- 140. STANCHION CHARGE-AIR-PIPE
- 141. INTERMEDIATE FLANGE
- 142. RESONATOR BRACKET
- 143. CHARGE AIR PIPE / COLD
- 144. CLAMP MBN 10272-A- 40- 60X13-SW8-W3
- 145. MOLDED HOSE
- 146. SPACER BUSH
- 147. RESONANCE BOX
- 148. PRESSURE- AND TEMPERATURE SENSOR 149. HXRD SCREW MBN10226-M6X 25- 8.8 DBL9440.40

150. HEX SCREW MBN10105-CM8X110-10.9DBL9440.40

**/**(33) (157)~ -00 (60) (128) (130) (102)-

## DD5 GHG17 (rear) 151. MIXING CHAMBER 204. BRACKET / STECKERHALTER 249. BRACKET 250. HEX SCREW MBN 10105-M 8X20-10.9DBL9400.40 152. CHARGE AIR HOUSING 205. HEX SCREW MBN 10105-M8X16-10.9DBL9400.40 206. BRACKET LAMBDA-PROBE 251. FLANGED MANIFOLD 153. WASHER 20 O.D. X 14 I.D. X 1.5 DIN 7603-A 154. TEMPERATURE SENSOR 207. CLAMP 252. PIPE CLAMP 155. CYLINDER HEAD GASKET 208. SCREENING PLATE EXH.GAS-T-CHRGR / 2-STUFIG 253. NUT M10 156. SUSPENSION EYE FRT 209. HEAT SHIELD 254. HOLLOW SCREW N 15036-A10 DBL8451.16 157. HEX SCREW MBN 10105-M12X1,5X 30-10.9DBL9440.40 255. OIL PRESSURE LINE 210. FASTENER 158. CIRCUMFERENTIAL GASKET 211. BRACKET 256. TIE STRAP CLIP 159. SPRING STEEL SHEET / PHASENSTELLER 212. SUCTION LINE 257. LAMBDA PROBE 160. HEX SCREW MBN 10105-M 6X 20- 10.9 DBL9440.40 213. BOLT HEX HEAD FLANGE M8X1.25X12-10.9 258. COVER 259. FLYWHEEL HOUSING / SAE3 161. SOLENOID 214. HXRD SCREW MBN10226-M8X 20-10.0DBL9440.40 162. THERMAL SCREEN EGR 215. VENT LINE 260. PLUG 163. HXRD SCREW MBN 10143-M 8X 20-10.9 DBL9440.40 216. CLAMP MBN 10371-28,5X10X0,8-10,0 261. BOLT HEX HEAD FLANGE M10X1.5X55-10.9 217. VENT LINE 164. CYLINDER HEAD COVER 262. BOLT HEX HEAD FLANGE M10X1.5X110-10.9 165. EXHAUST GAS RECIRCULATION LINE / KALT 218. CLAMP 263. SHAFT LIP TYPE SEAL 166. EGR VALVE 219. BRACKET / VENT LINE W. CABLE HARNESS 264. BOLT HEX HEAD FLANGE M10X1.5X90-10.9 167. EXHAUST GAS RECIRCULATION LINE / KALT 220. HOLLOW SCREW N 15036-A 8 DBL8451.16 265. SENSOR CRANKSHAFT SPEED 40-7000 RPM 168. BOLT HEX HEAD FLANGE M8X1.25X60-10.9 221. COOLANT LINE 266. SCREW MBN 10226-M6 X 16-8.8 DBL 9440.40 169. HXRD SCREW MBN 10143-M10X 70-10.9 DBL9440.40 267. CLOSING COVER 222. SEAL RING DIN 7603-A 12 X 18-CU 170. BRACKET EXH.GAS-COOLER UPR 223. COUPLNG N 15023-A 8 DBL8451.16 268. O RING 269. HEXAGON NUT MBN10112 M8-8 224. COOLANT LINE 171. COOLANT LINE 225. CLAMP N 16016-BRS 6/20 172. HEX HEAD SCREW W FLANGE 270. HEX SCREW MBN 10105-M8 X 45-10.9DBL9440.40 226. SEAL RING DIN 7603-A 10 X 13,5-CU CU/SN1240 173. EXHAUST GAS RECIRCULATION LINE 271. OIL PUMP 174. CLAMPING BRACKET 227. COOLANT LINE 272. FITTED SLEEVE 175. HEX HEAD SCREW W FLANGE 228. HOLLOW SCREW N 15036-A 6 DBL9400.00 273. INTAKE VALVE 176. EXHAUST GAS COOLER 229. COOLANT LINE 274. EXHAUST VALVE 177. CONNECTING PIPE 230. BRACKET CHARGE-AIR-PIPE / HEISS 275. HEX HEAD BOLT MBN 10105-M6X12-10.9DBL9400.40 178. RETAINING STRAP 231. CHARGE AIR PIPE / HOT 276. CLAMP N 16016-B RS 6/15 277. INJECTION VALVE ASM/HC DIV3 179. SEAL 232. CLAMP 180. VENT LINE 233. TEMPERATURE SENSOR T2 278. SCREENING PLATE 181. SCREW-IN FITTING 234. SEAL RING DIN 7603-A 12 X 18-CU CU/SN12 279. CAP BOLT ISO 4762-M 8X 50-10.9 DBL9400.00 235. AIR INTAKE / 2-STILL 280. O-RING ZUM THERMOSTATVENTIL 182. SENSOR TEMPERATURE -40~130DEGC DIN40050 281. ELASTOMER-MOLDED SEAL 236. PIPE HOSE 183. METAL SEAL 282. FUEL LINE 184. COOLANT COLLECTOR 237. EXHAUST-GAS TURBOCHARGER 185. HEX SCREW MBN10105-CM8X130-10.9DBL9440.40 238. HALTER BRACKET 284. FITTING N 15023-A 6-ST 186. METAL SEAL 239. BOLT HEX HEAD FLANGE M10X1.5X30-10.9 283. WASHER DIN 7603-A 10 X 16-CU CU/SN12 187. CONNECTION HOUSING 240. BRACKET 285. HEAT SHIELD 241. SCREW HEX HEAD W/ FLANGE M8X16 X 12 188. GASKET 286. HXRD SCREW MBN10228-M6X12-8.8DBL8451.72 242. SEAL 189. EXHAUST MANIFOLD / ISOLIERT 287. BRACKET 288. ZB METERING UNIT 190. HEAD CAP SCREW 243. OIL RETURN LINE 191. FLUTED SOCKET HEAD CAP SCREW 244. HXRD SCREW MBN 10142-M 8X20-SD 289. FUEL LINE 245. SEALS FOR OVAL FLANGES 290. CLOSING COVER 192. GASKET 291. PRESSURE SENSOR - CRANKCASE 193. SEAL 246. MOUNT PLUG DIN 16901/140 DBL 5403.01 247. BRACKET / STECKER ATL 292. O RING 194. CAP WITH FITTING FOR DOUBLE THERMOSTAT 248. FASTENER 195. THERMOSTAT COOLANT 196. CONNECTING PIPE 197. OIL-COOLANT MODULE 198. WASHER DIN 7603-A 22 X 27-CU CU/SN12 199. SCREW PLUG DIN 908-M22X1.5-ST DBL9440.40 200. TEMPERATURE SENSOR 201. BOLT HEX HEAD FLANGE M8X1.25X90-10.9 202. HEX SCREW MBN10105-CM 8X220-10.9DBL9440.40 203. COOLANT INLET CONNECTION **286**)-(181) 287 (285)-(172) (290) **(273)** 282 **(274)** (184)-268 (223) **(266**)-(224) (225)-(265) **(212**) **(221**) (264) (226) **(263)** 196 **(214**) (220) **(262)** 229 (230) (213) (197)-(229) (259) (260) 70 (258) **153**) <del>(</del>216) 71 **(254)** (217) (219) **253** (218) (252) (251) (199)-(200) 207 **(250)**-(246) (71)(247) (249) (248)

(210)

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