



ENGINE 642 in MODEL 221

- 1 Bolt
- 2 Retaining plate
- 3 Bolt
- 4 Bolt



P09.41-2371-06

|   | Remove/install | | |
|--|---|--|---------------------|
| 1 | Remove engine cover | | AR01.10-P-2405SXI |
| 2 | Disconnect engine charge air hose upstream of charge air cooler | <p>i The engine charge air hose is disconnected from the engine charge air channel upstream of the charge air cooler.</p> <p>⚙️ Installation: In order to avoid leaks on the engine, check sealing rings and detent springs for damage, thoroughly clean connecting points, but do not grease, and ensure exact seating of the detent springs. See: ↓ Henn coupling Open connector and close</p> | AR09.41-P-1311-01AL |
| 3 | Unscrew bolt (1) | | |
| 4 | Remove retaining plate (2) towards the front | | |
| 5 | Unscrew bolt (3). | Nm Engine charge air channel upstream of charge air cooler to oil filter housing | *BA09.41-P-1003-01J |
| 6 | Unscrew bolt (4) | Nm Engine charge air channel upstream of charge air cooler to bracket | *BA09.41-P-1002-01J |
| 7 | Unhook retaining clip for coolant hose | | |
| 8 | Pull engine charge air channel upstream of the charge air cooler downwards and remove | | |
| 9 | Install in the reverse order | | |

Nm Charge air pipe/charge air cooling

| Number | Designation | Engine 642 |
|--------------------|---|------------|
| BA09.41-P-1002-01J | Engine charge air channel upstream of charge air cooler to bracket | Nm 6 |
| BA09.41-P-1003-01J | Engine charge air channel upstream of charge air cooler to oil filter housing | Nm 12 |