

| <b>PART NO.</b> | <b>QTY</b> | <b>DESCRIPTION</b>   |
|-----------------|------------|--|
| 877774          | 1          | Overhaul kit, basic D12D-A/B MH  |
| 21223174        | 6          | Cylinder liner kit - From serial number 1012638800., When replacing the cylinder liner for engines up to SN-1012638800, all cylinder liners should be replaced. Then use overhaul kit with part no 21223179. |
| 276615          | 7          | Main bearing kit   |
| 3093651         | 1          | Thrust washer kit  |
| 276134          | 6          | Big-end bearing shel   |
| 3830455         | 1          | Connector kit, turbo connect.  |
| 3099100         | 1          | Gasket kit, cylinder head  |
| 3830718         | 1          | Gasket kit   |
| 3830457         | 1          | Connector kit, exhaust   |
| 3830454         | 1          | Overhaul gasket kit, additional recondition  |
| 20503200        | 1          | Camshaft bearing kit, front  |
| 276630          | 6          | Camshaft bearing kit   |
| 21223179        | 1          | Overhaul kit - Overhaul kit contains 6 pcs of cylinder liner p/n 21223174 and 6 pcs of connecting rod p/n 21160343   |
|                 | 1          |  |
| 877777          | 1          | Overhaul kit, basic D12C/D-A MP  |
| 3848525         | 6          | Cylinder liner kit - From serial number 1012638800., When replacing the cylinder liner for engines up to SN-1012638800, all cylinder liners should be replaced. Then use overhaul kit with part no 21223179. |
| 3819169         | 1          | Connector kit, exhaust   |
|                 | 1          |  |
| 877776          | 1          | Overhaul kit, cylinder head D12D   |
| 3183368         | 6          | Sleeve, fuel injector  |
| 20463800        | 12         | Inlet valve  |
| 20441486        | 12         | Exhaust valve  |
| 1677875         | 48         | Valve cotter   |
| 3165303         | 24         | Valve guide  |
| 20482579        | 12         | Valve seat, intake   |
| 20412798        | 12         | Valve seat, exhaust  |
|                 | 1          |  |
| 877779          | 1          | Overhaul kit, cylinder head D12C   |
| 3169490         | 12         | Inlet valve  |
| 3827409         | 12         | Exhaust valve  |
| 1546437         | 24         | Valve guide  |

| <b>PART NO.</b> | <b>QTY</b> | <b>DESCRIPTION</b>                              |
|-----------------|------------|---|
| 3183227         | 12         | Valve seat, intake                              |
| 3165369         | 12         | Valve seat, exhaust                             |
|                 | 1          |   |
| 877775          | 1          | Overhaul kit, sub unit D12D-A MH, Obsolete part |
| 8170261         | 1          | Oil pump, complete                              |
| 3979001         | 1          | Connection plate                                |
| 3826608         | 1          | Coolant pump, complete                          |
| 3826599         | 1          | Turbocharger, complete                          |
| 3802144         | 1          | Turbocharger, complete, exch                    |
| 3832980         | 6          | Unit injector                                   |
| 3803570         | 6          | Unit injector, exch                             |
|                 | 1          |   |
|                 | 1          | sub unit D12D-B MH                              |
| 3802144         | 1          | Turbocharger, complete                          |
| 3835257         | 6          | Unit injector                                   |
| 3803569         | 6          | Unit injector, exch                             |
|                 | 1          |   |
| 877778          | 1          | Overhaul kit, sub unit D12C-A MP, Obsolete part |
| 3802116         | 1          | Turbocharger, exch, complete                    |
| 3827636         | 6          | Unit injector                                   |
| 3803491         | 6          | Unit injector, exch                             |
|                 | 1          |   |
|                 | 1          | sub unit D12D-A MP                              |
| 3836007         | 6          | Unit injector                                   |