# MS MOTORSERVICE

# Engine series OM 500 Euro 2/3
## New kit sets

| Vehicle | Engines |
|---------|---------|
| Mercedes-Benz (Actros)<br>Euro 2/3; model year 1995 → | OM521.940/950-951, OM522.940-943/950<br>OM541.920-928/940-949/950-952, OM542.920-926/940-945/947-948/956-957<br>OM941.900/910/920-921/929-930/940/960/970/980-981/990<br>OM942.900/910-912/925/930/960/967/970/980/990 |

The engine manufacturer has optimised the cylinder liner and piston ring fitting in the above engines.

During the course of technical development, frictional losses have been reduced and the piston ring gliding characteristics and the cylinder liner sliding surface have been improved. This has enabled a reduction of oil consumption in the running-in phase and fuel consumption.

In line with these specifications, Motorservice has put together new kit sets for the affected KOLBENSCHMIDT products.

Please note:
- In KOLBENSCHMIDT kit sets, the piston rings are optimally adapted to the cylinder liners in order to ensure the best runnability. Motorservice therefore recommends always replacing the entire kit set during repairs.
- The articles in column (A) should not be installed in conjunction with the articles in column (B).
- Old stock of the articles being replaced can be used up.



**Changes for article no.:**

| Description: | Previous (A): | New (B): |
|--------------|---------------|----------|
| Piston | 40 448 600 | 40 448 601 |
| Kit set [1] | 40 448 961 | 40 448 963 |
| Kit set [2] | 40 448 962 | 40 448 964 |
| Piston KH– | 40 463 600 | 40 463 601 |
| Kit set KH– [1] | 40 463 961 | 40 463 963 |
| Kit set KH– [2] | 40 463 962 | 40 463 964 |
| Cylinder liner [1] | 89 530 110 | 89 878 110 |
| Cylinder liner [2] | 89 594 110 | 89 879 110 |
| Piston ring set | 80 00328 1 2 000 | 80 00722 1 0 000 |

[1] For crankcase with cooling bores. With cooling groove below the liner flange.
[2] For crankcase without cooling bores. With cooling groove 20 mm below the liner flange.

# KOLBENSCHMIDT