

# Cylinder Head Gasket Retightening Procedure

|   | Phase 1 | Phase 2 | Phase 3 | Phase 4    | Phase 5 | Phase 6 | Phase 7 | Phase 8 | Retightening |
|---|---------|---------|---------|------------|---------|---------|---------|---------|--------------|
| A | 2 Kpm   | 4 Kpm   | 6 Kpm   | -90°+6 Kpm | 90°     | 90°     |         |         | NO           |
| B |         |         |         |            |         |         |         |         |              |
| C |         |         |         |            |         |         |         |         |              |
| D |         |         |         |            |         |         |         |         |              |

Pounds

|   | Phase 1 | Phase 2 | Phase 3 | Phase 4      | Phase 5 | Phase 6 | Phase 7 | Phase 8 | Retightening |
|---|---------|---------|---------|--------------|---------|---------|---------|---------|--------------|
| A | 15 lbft | 29 lbft | 43 lbft | -90°+43 lbft | 90°     | 90°     |         |         | NO           |
| B |         |         |         |              |         |         |         |         |              |
| C |         |         |         |              |         |         |         |         |              |
| D |         |         |         |              |         |         |         |         |              |

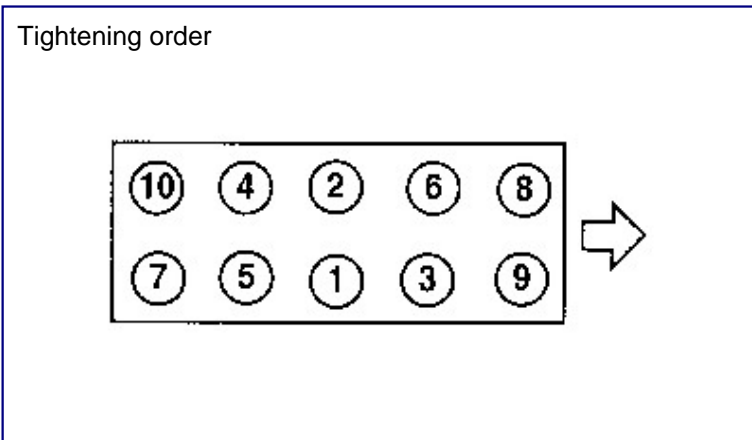
Note A

Note B

Note C

Note D

|           | 1         | 2         | 3         | 4 | 5 | 6 |
|-----------|-----------|-----------|-----------|---|---|---|
| Reference | 10177000  | 10177010  | 10177020  |   |   |   |
| Piston    | 0.91-1.00 | 1.01-1.10 | 1.11-1.20 |   |   |   |



| Symbol       | Explanation  |
|--------------|--|
| - 90° +      | LOOSEN 90° AND TIGHTEN THE CYL. HEAD BOLTS ONE BY ONE FOLLOWING THE SPECIFIED TIGHTENING AND ORDER.  |
| <            | TURN THE ENGINE UNTIL THERMOSTAT IS COMPLETELY OPEN.<br><br>LET ENGINE COOL DOWN FOR 4 HOURS (WITH OPEN BONNET).<br><br>OPEN THE FILLER CUP OF THE COOLING WATER CIRCUIT EXPANSION VASE.                           |
| Retightening | IF A RETIGHTENING IS NECESSARY: LOOSEN 90° AND TIGHT AGAIN THE CYL. HEAD BOLTS ONE BY ONE FOLLOWING THE ORDER<br><br>AND LAST TIGHTENING SPECIFIED. THIS OPERATION SHOULD BE CARRIED OUT BETWEEN 1000 AND 1500 KM. |