

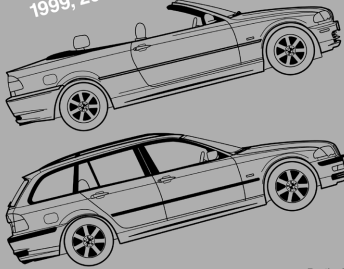


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 1144 pages,
 1716 photos, illustrations, and
 diagrams
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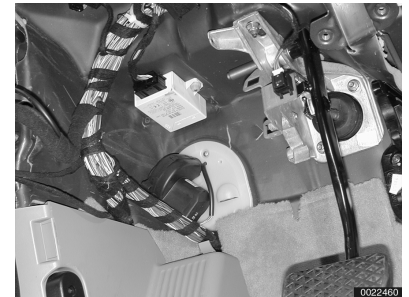
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Features:

- Maintenance procedures for everything from brake oil change service to interpreting the Malfunction Indicator Light (MIL). This manual tells you what to do and how and when to do it.
- Engine and cylinder head service, repair and reconditioning, including camshaft timing chain setup and adjustment.
- Information for specific driveability problems, including explanation of engine management systems, resonance/turbulence intake manifold and Double VANOS (Variable Camshaft Timing).
- System description and repair information for Antilock Brakes (ABS), Automatic Stability Control (ASC) and Dynamic Stability Control (DSC).
- Heating and air conditioning (IHKA and IHKR) repair, including A/C component replacement.
- Body adjustment and repairs.
- Extensive wiring schematics, including power distribution, grounds and component location illustrations and photos.

Detailed, accurate electrical wiring diagrams and component location information

610 Electrical Component Locations



Models and engines covered:

E46 1999 - 2000

323i/Ci (M52 TU — 2.5L engine)

328i/Ci (M52 TU — 2.8L engine)

E46 2001 (including all wheel drive)

325i/Ci/xi (M54 — 2.5L engine)

330i/Ci/xi (M54 — 3.0L engine)

Transmissions covered:

Manual (remove, install, external service)

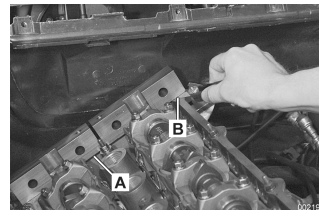
Getrag Type B+ (5 speed)

ZF Type C (5 speed)

Automatic (remove, install, external service)

GM 5 (5 speed)

ZF 5HP19 (5 speed)



Detailed descriptions of engine repair procedures, including timing chain setup and adjustment for all engines.

117 Camshaft Timing Chain

See how to perform repair procedures, such as removing interior trim.

020 Maintenance



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