Designed Vehicle Control ...Is No Accident!

Chapter 1:

- About 80% of all vehicles on the road today are not capable of __________ Vehicle Control
- Electronic Crash Avoidance Systems are dependent on the performance of the Steering, ______________, Brakes & Tires
- Computers and wiring don’t _________ due to age, but the Ride Control components do!
- Actively helping the motorist become aware of Ride Control Conditions leads to making better decisions about maintaining ______________

Chapter 2:

- Shocks & Struts control __________ movements.
- Spring movements control Pitch, Roll, __________ and Traction.
- Excessive body movements can cause ______________ to engage.
- The ______________ components determine how well Crash Avoidance will perform.

Chapter 3:

- Multiple stage damping valve discs control the __________ and movement of the upper piston shaft & lower base/mount.
- Damping valves are calibrated in stages to provide comfort & ______________ in any driving situation.
- As damping discs fatigue the first sign is reduced ______________ grip.
Evaluating & Reporting Conditions

Chapter 4:

- Evaluating current shock & strut condition relies on _____________ and component inspections.
- Benchmarking is what ______________ your road testing measurements..
- Road testing should include a quick full stop and acceleration from a stop, rapid lane changes and driving on various _________________.
- All conditions will be present. The purpose of the road test is to report how significant each one is. Use the ______________ for reporting accuracy.
- Rate each of the three road test maneuver capabilities from 0 (like new) to _________________.
- The sum of all three rating numbers provides a performance measurement of the ______________ & _________________.
- The performance rating allows the motorists to make better ________________ decisions.

Installation Tips

- Protect the polished shaft from scratches
- Always inspect & use any included hardware
- Use a torque wrench & specs for the shaft nut
- Double check the order of bushings & washers
- Mark before disassembly & “clock” the mount
- When replacing a strut ...replace the mount too!

KYB’s mission is to provide products and training that help keep the vehicle and the motorist ... In OE Designed Control!

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