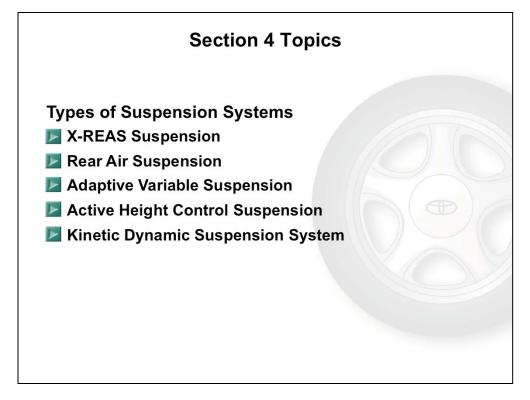
### **Toyota Suspension Steering And Handing Technician Handbook**

Full download: http://manualplace.com/download/toyota-suspension-steering-and-handing-technician-handbook/

# ΤΟΥΟΤΑ

**Technician Handbook** 

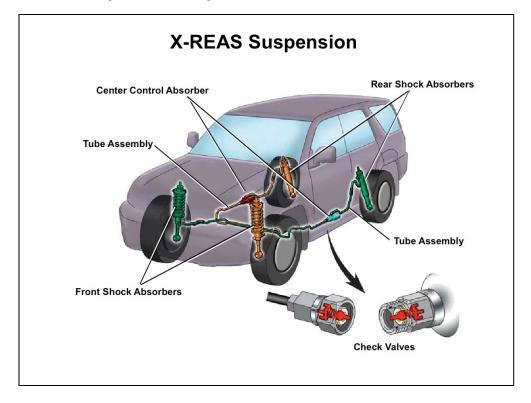
453 Suspension, Steering and Handling



### **Technician Objectives**

- 1. Describe X-REAS Suspension.
- 2. Describe Rear Air Suspension.
- 3. Describe Adaptive Variable Suspension.
- 4. Describe Active Height Control Suspension.
- 5. Describe Kinetic Dynamic Suspension System.

### 453 Suspension, Steering and Handling



**X-REAS Suspension** The Cross-Relative Absorber System (X-REAS) uses front and rear shock absorbers connected diagonally by a tube assembly through a center control absorber. As the front and rear shock absorbers compress and extend, hydraulic oil is forced back and forth through the center control absorber. The resulting flow modifies dampening forces to improve vehicle handling.

**SERVICE TIP** Oil cannot be changed or bled so the union bolt on the shock absorbers should never be loosened. If any components are damaged or there is a leak, the diagonally linked system must be replaced as a set (both diagonally-linked shocks, center control absorber, and tubes). All components are available individually filled and pressurized. Refer to the Repair Manual for connection of the check valves.

### **Toyota Suspension Steering And Handing Technician Handbook**

Full download: http://manualplace.com/download/toyota-suspension-steering-and-handing-technician-handbook/

# ΤΟΥΟΤΑ

**Technician Handbook** 

453 Suspension, Steering and Handling

