

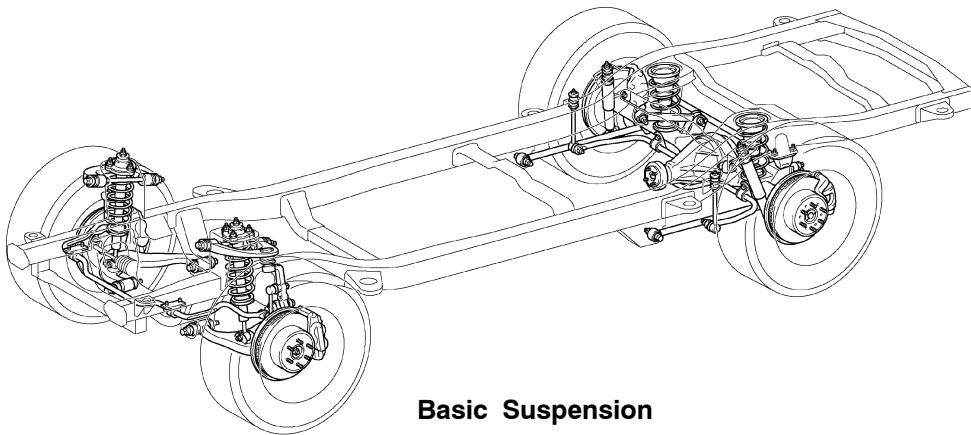
Suspension

Front Suspension

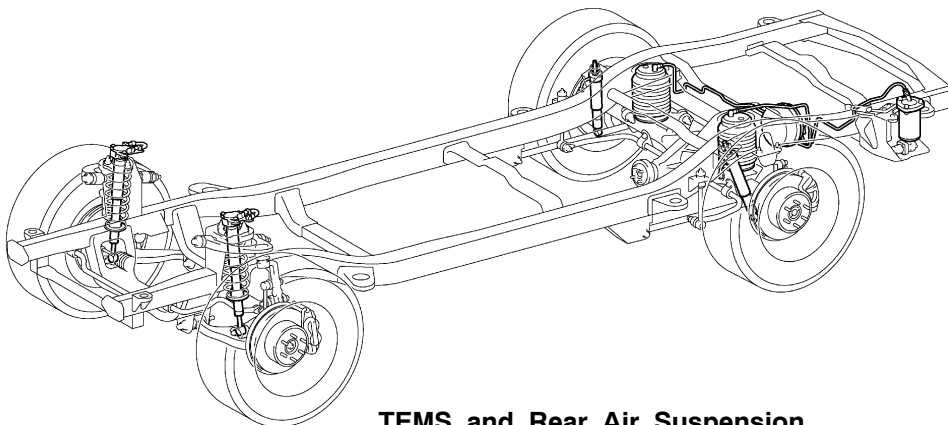
- The front suspension is the double-wishbone independent suspension carried over from the previous model; suspension geometry has been changed in accordance with vehicle size.
- Caster angle has been increased, king-pin offset has been reduced, and wheel stroke has been increased for enhanced off-road drivability with both excellent steering stability and ride comfort.
- To address the wheelbase expansion due to the new platform, the maximum wheel turning angle was expanded to attain the same minimum turning radius of the previous model.
- TEMS (TOYOTA Electronic Modulated Suspension) is available as an option for 5-door models for Europe and models equipped with the 1KZ-TE engine for Australia and general countries.

Rear Suspension

- The rear suspension is a 4-link coil spring with lateral rod rigid type suspension, the same as the previous model.
- The position of each control arm and each rubber bushing were changed, and wheel stroke was increased for enhanced off-road drivability with both excellent steering stability and ride comfort.
- TEMS (TOYOTA Electronic Modulated Suspension) and rear air suspension are available as an option for 5-door models for Europe and models equipped with the 1KZ-TE engine for Australia and general countries.



232CH04

Basic Suspension

233CH53

TEMS and Rear Air Suspension

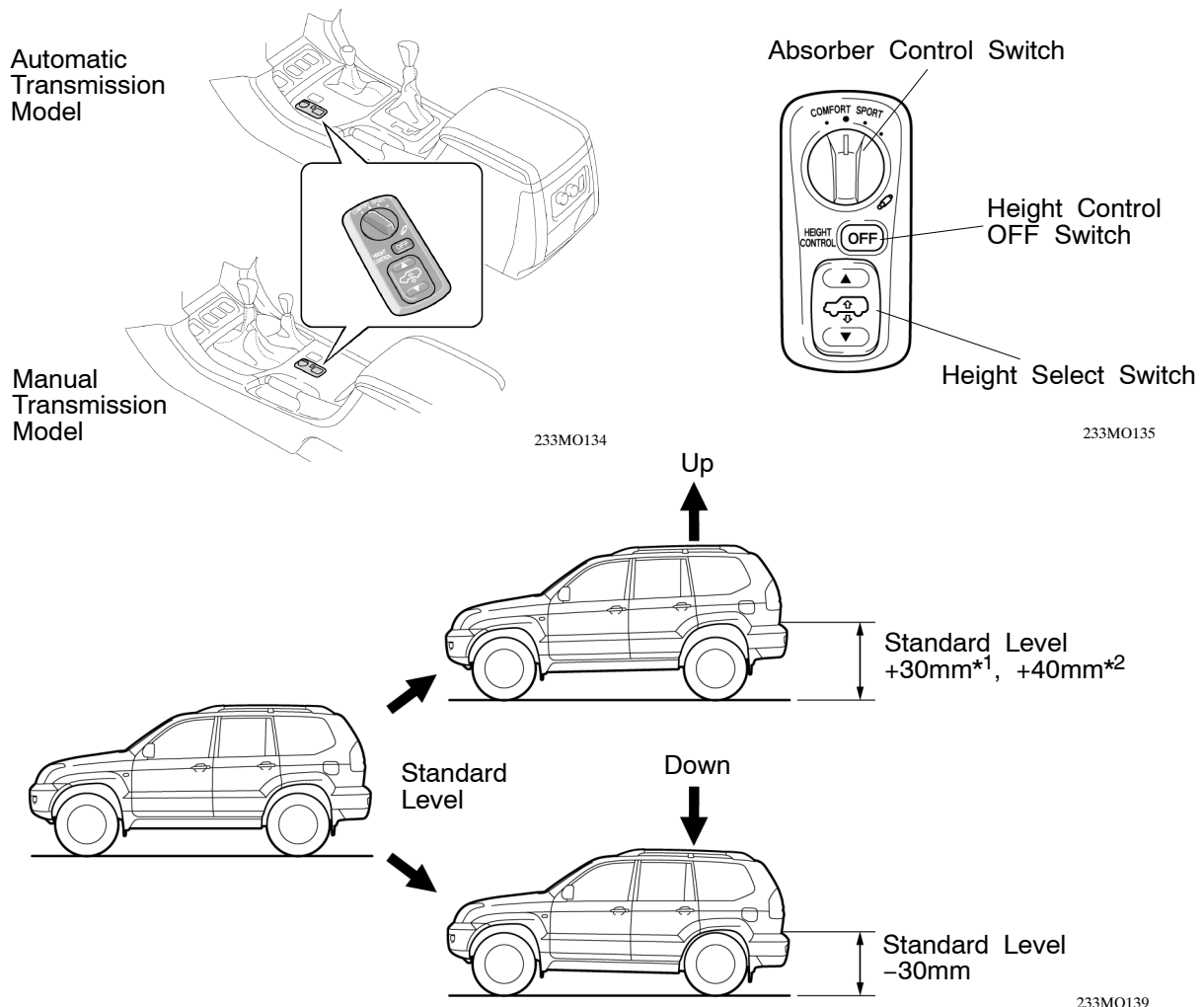
TEMS (TOYOTA Electronic Modulated Suspension)

- TEMS has been adopted as an option for front and rear suspension.
- This system controls damping force of shock absorber automatically. According to driving conditions such as driving speed, engine speed, steering direction and angle, vertical acceleration rate, and stop light switch signal, the suspension control ECU instantly calculates the optimum damping force and actuates each shock absorber actuator. The result is excellent riding comfort and controllability.
- The absorber control switch on the center console has four positions, so the strength of the damping force can be selected according to the driver's desire.

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Rear Air Suspension

- A rear air suspension that can maintain the vehicle height and riding comfort regardless of the load conditions such as the number of occupants or the weight of the cargo is adopted to the rear suspension.
- The rear air suspension has the following functions. The vehicle height selection function that can switch the vehicle height with the height select switch, the automatic leveling function that automatically maintains the vehicle height constant, the vehicle speed sensing function that automatically adjusts the vehicle height according to the vehicle speed, and so on.



*1 : Europe

*2 : Australia, General Countries