

## GROUP 34

**REAR SUSPENSION**

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## GENERAL INFORMATION

M23400000001USA0000010000

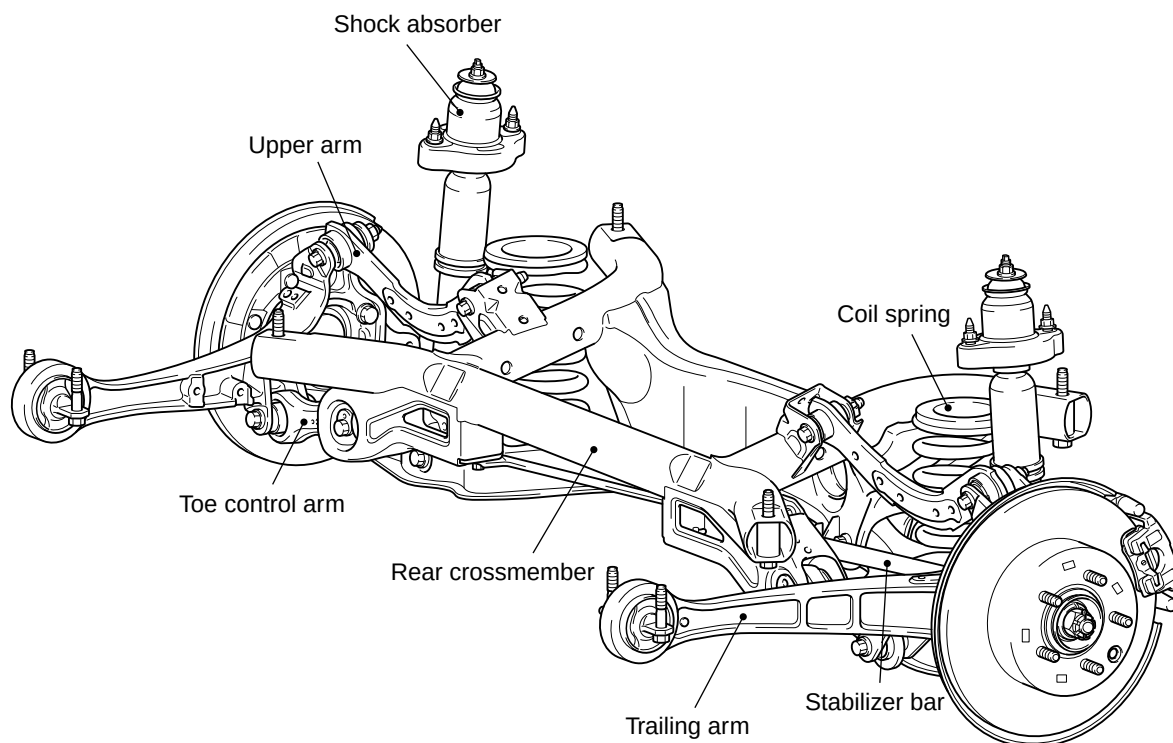
The trailing arm type multi-link suspension is adopted.  
The main features are listed as follows:

- The wheel tread is enlarged to improve cornering ability.
- The roll center height is reviewed with regard to the vehicle specifications to improve the steering ability.
- The double crossmember is adopted and the upper arm, lower arm, toe control arm are jointed to the crossmember to improve the suspension alignment accuracy and maintenance performance.

- Improvement of arms installation accuracy eliminates the camber adjustment to improve maintenance performance.
- The trailing arm bushings are installed in the upper position to improve the movement of the suspension when the vehicle negotiates bumps and increase the riding comfort.
- Twin tube type shock absorber is adopted to secure the optimum rolling rigidity and improve the steering ability.
- The high efficiency ball joint type stabilizer link is adopted to improve the steering ability.
- The toe control arm is installed in the lower position to increase the toe and camber rigidity and improve the steering ability.

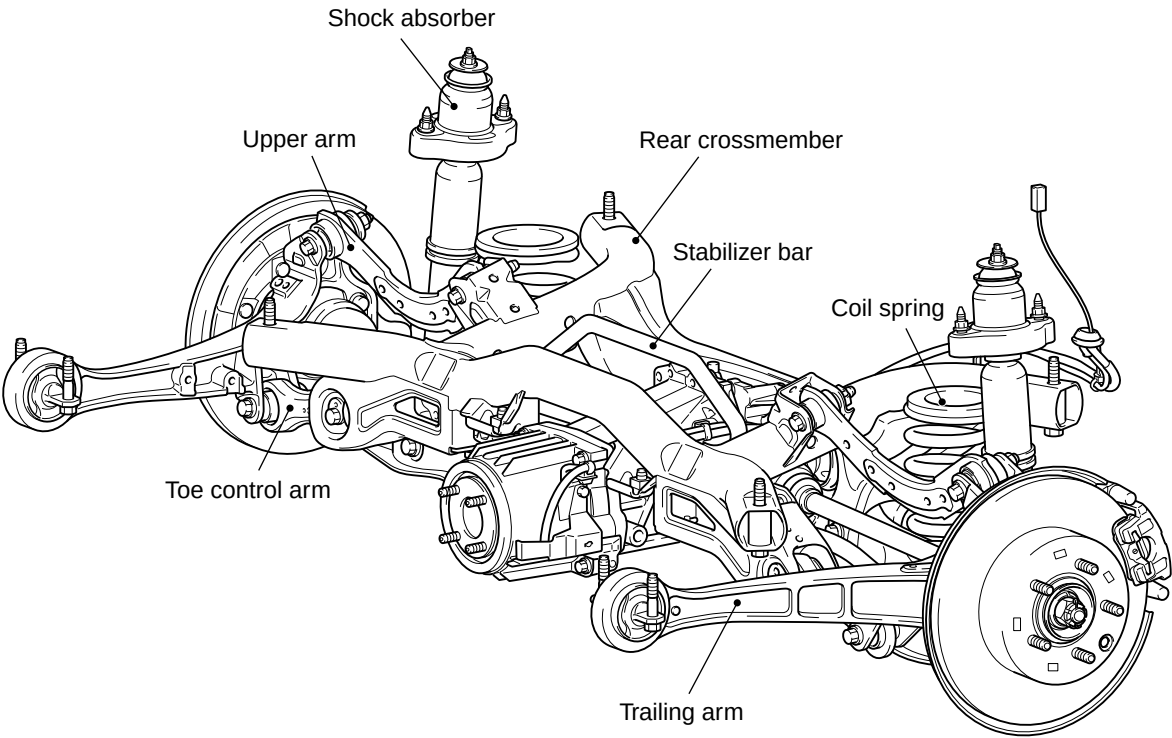
## CONSTRUCTION DIAGRAM

&lt;2WD&gt;

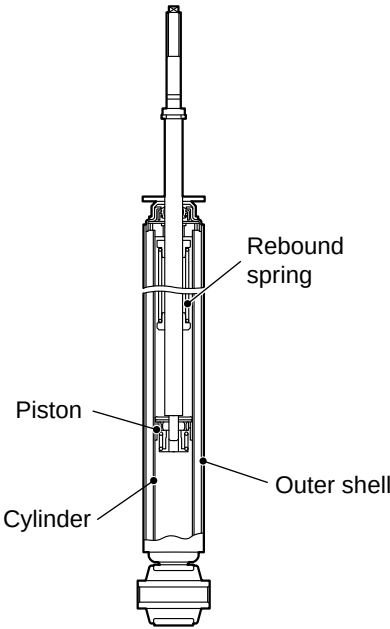


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<4WD>



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## SPECIFICATIONS

### SUSPENSION SYSTEM

| Item            | Specification                |
|-----------------|------------------------------|
| Suspension type | Trailing arm type multi-link |

**WHEEL ALIGNMENT**

| Item        | Specification |
|-------------|---------------|
| Camber      | -0°25'        |
| Toe-in (in) | 3 (0.12)      |

**COIL SPRING**

| Item                             |          | FWD        |            | AWD        |            |
|----------------------------------|----------|------------|------------|------------|------------|
|                                  |          | M-Line     | H-Line     | M-Line     | H-Line     |
| Wire diameter mm (in)            |          | 14 (0.6)   | 14 (0.6)   | 14 (0.6)   | 14 (0.6)   |
| Average outside diameter mm (in) |          | 112 (4.4)  | 112 (4.4)  | 112 (4.4)  | 112 (4.4)  |
| Free length mm (in)              | 5 person | 358 (14.1) | 358 (14.1) | 363 (14.3) | 363 (14.3) |
|                                  | 7 person | 363 (14.3) | 363 (14.3) | -          | 368 (14.5) |