
GROUP 33

**FRONT
SUSPENSION**

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GENERAL INFORMATION

M2330000101667

The MacPherson strut type suspension is adopted.

MAIN FEATURES

- The wheel tread is increased to improve cornering ability.
- The roll center height is modified to improve the steering ability.
- Increased suspension stroke improves road holding quality, and secures good adhesion even on bumpy-rough roads to reduce shocks received when the vehicle negotiates bumps.
- The fully flattened crossmember improves the left/right direction rigidity of installation points of the lower arms for high steering ability.
- Tuning of the lower arm bushes improves the steering ability and riding comfort.
- The stabilizer bar is joined to the strut for high efficiency to secure the optimum rolling rigidity, and improves the steering ability.
- Total tuning of struts, springs, and bump rubbers improves the steering ability and riding comfort.

SPECIFICATIONS**SUSPENSION SYSTEM**

| Item | Specification |
|-----------------|-----------------------------------|
| Suspension type | MacPherson strut with coil spring |

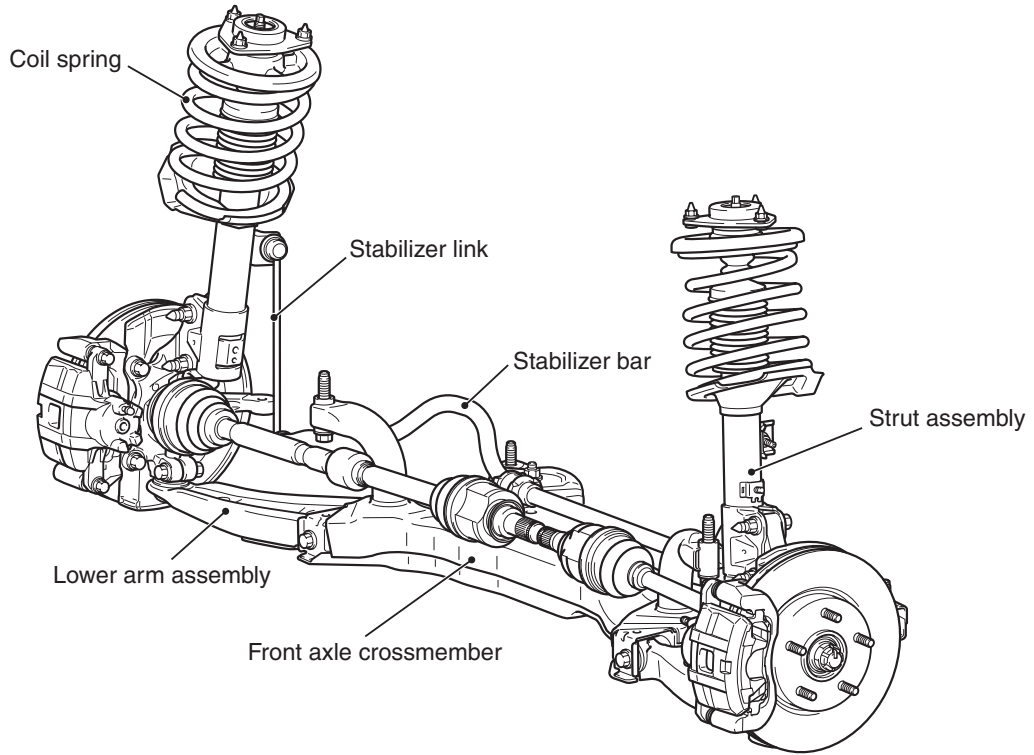
WHEEL ALIGNMENT

| Item | Specification |
|---------------------|---------------|
| Camber | -0° 05' |
| Caster | 2° 40' |
| Kingpin inclination | 13° 30' |
| Toe-in mm (in) | 1 (0.04) |

COIL SPRING

| Item | 2.0L Engine | 2.4L Engine | |
|-------------------------------|-------------|-------------|------------|
| | | M/T | CVT |
| Wire diameter mm (in) | 14 (0.6) | 14 (0.6) | 14 (0.6) |
| Mean diameter of coil mm (in) | 159 (6.3) | 159 (6.3) | 159 (6.3) |
| Free length mm (in) | 328 (12.9) | 315 (12.4) | 321 (12.6) |

CONSTRUCTION DIAGRAM



AC607283 AG

NOTES