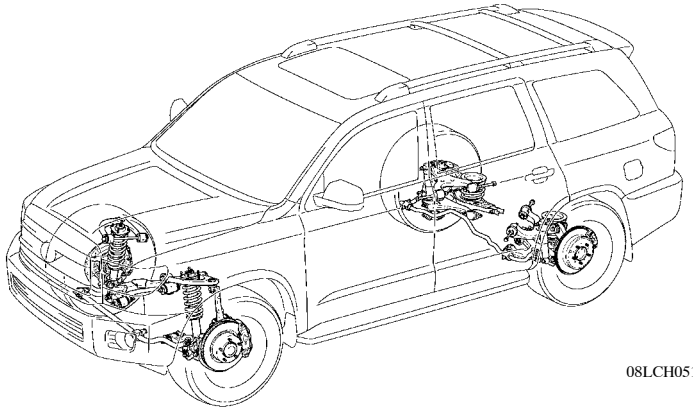
SUSPENSION AND AXLE

■DESCRIPTION

- The double-wishbone independent suspension is used for the front and rear on all models.
- An air suspension system for the rear suspension is standard equipment for the Platinum grade and optional equipment for the other grades.
- The AVS (Adaptive Variable Suspension) system is provided as standard equipment for the Platinum grade.

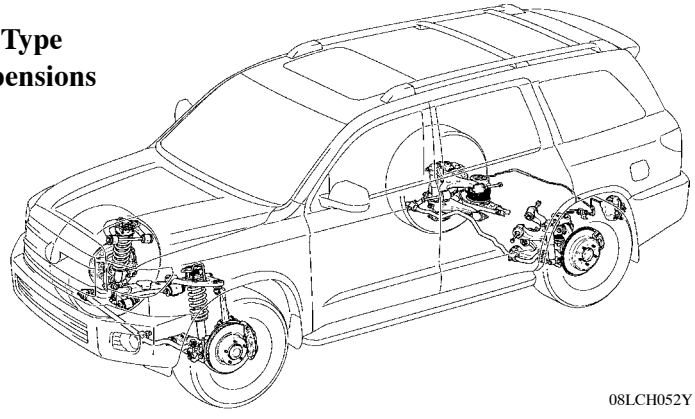
○: Standard OP: Option —: None

Grade		SR5	Limited	Platinum
Front Suspension	Double-wishbone Type	○	○	○
Rear Suspension	Double-wishbone Type	○	○	—
	Double-wishbone Type with Air Suspension System	OP	OP	○
AVS (Adaptive Variable Suspension)		—	—	○



08LCH051Y

Double-wishbone Type Front and Rear Suspensions



08LCH052Y

Double-wishbone Type Front and Rear Suspensions with Rear Air Suspension System and AVS System

CH

▶ Specifications ◀

Engine Type			2UZ-FE			
Drive Type			2WD			
Grade			SR5		Limited	
Tire Size			275/65R18	275/55R20	275/65R18	275/55R20
Tread*1	Front	mm (in.)	1725 (67.9)	←	←	←
	Rear	mm (in.)	1755 (69.1)	←	←	←
Front Wheel Alignment*1	Caster	degrees	3°74', 3°93'*2	←	3°76', 3°93'*2	3°75', 3°93'*2
	Camber	degrees	–0°14', –0°13'*2	←	←	←
	Toe-in	mm (in.)	2.51 (0.99), 2.63 (1.04)*2	←	←	←
	King Pin Inclination	degrees	13°15', 13°14'*2	←	←	←
Rear Wheel Alignment*1	Camber	degrees	–1°43', –2°00'*2	←	←	←
	Toe-in	mm (in.)	–1.0 (–0.04), –0.3 (–0.01)*2	←	←	←

*1: Unloaded Vehicle Condition
*2: With Air Suspension System

Engine Type			2UZ-FE			
Drive Type			4WD			
Grade			SR5		Limited	
Tire Size			275/65R18	275/55R20	275/65R18	275/55R20
Tread*1	Front	mm (in.)	1725 (67.9)	←	←	←
	Rear	mm (in.)	1755 (69.1)	←	←	←
Front Wheel Alignment*1	Caster	degrees	3°59', 3°81'*2	3°54', 3°75'*2	3°60', 3°81'*2	3°55', 3°75'*2
	Camber	degrees	–0°01', 0°00'*2	←	0°00', 0°01'*2	←
	Toe-in	mm (in.)	2.43 (0.96), 2.54 (1.00)*2	←	2.49 (0.98), 2.60 (1.02)*2	←
	King Pin Inclination	degrees	13°04', 13°03'*2	←	←	←
Rear Wheel Alignment*1	Camber	degrees	–1°35', –1°51'*2	←	←	←
	Toe-in	mm (in.)	–1.4 (–0.06), –0.7 (–0.03)*2	←	←	←

*1: Unloaded Vehicle Condition
*2: With Air Suspension System

(Continued)

Engine Type			3UR-FE				
Drive Type			2WD				
Grade			SR5		Limited		Platinum
Tire Size			275/65R18	275/55R20	275/65R18	275/55R20	275/55R20
Tread*1	Front	mm (in.)	1725 (67.9)	←	←	←	←
	Rear	mm (in.)	1755 (69.1)	←	←	←	←
Front Wheel Alignment*1	Caster	degrees	3°76', 3°94'*2	←	3°77', 3°94'*2	←	3°94'
	Camber	degrees	–0°17', –0°16'*2	←	–0°16', –0°15'*2	←	–0°15'
	Toe-in	mm (in.)	2.15 (0.85), 2.25 (0.89)*2	←	2.27 (0.89), 2.38 (0.94)*2	←	2.36 (0.93)
	King Pin Inclination	degrees	13°19', 13°18'*2	←	13°18', 13°17'*2	←	13°17'
Rear Wheel Alignment*1	Camber	degrees	–1°43', –2°00'*2	←	←	←	–2°00'
	Toe-in	mm (in.)	–1.0 (–0.04), –0.3 (–0.01)*2	←	←	←	–0.3 (–0.01)

*1: Unloaded Vehicle Condition
*2: With Air Suspension System

CH

Engine Type			3UR-FE				
Drive Type			4WD				
Grade			SR5		Limited		Platinum
Tire Size			275/65R18	275/55R20	275/65R18	275/55R20	275/55R20
Tread*1	Front	mm (in.)	1725 (67.9)	←	←	←	←
	Rear	mm (in.)	1755 (69.1)	←	←	←	←
Front Wheel Alignment*1	Caster	degrees	3°67', 3°83'*2	3°61', 3°77'*2	3°67', 3°83'*2	3°62', 3°77'*2	3°77'
	Camber	degrees	–0°04', –0°03'*2	←	–0°03'	←	–0°02'
	Toe-in	mm (in.)	2.02 (0.80), 2.11 (0.83)*2	←	2.08 (0.82), 2.17 (0.85)*2	←	2.21 (0.87)
	King Pin Inclination	degrees	13°08', 13°07'*2	←	13°07', 13°06'*2	←	13°06'
Rear Wheel Alignment*1	Camber	degrees	–1°35', –1°51'*2	←	←	←	–1°51'
	Toe-in	mm (in.)	–1.4 (–0.06), –0.7 (–0.03)*2	←	←	←	–0.7 (–0.03)

*1: Unloaded Vehicle Condition
*2: With Air Suspension System