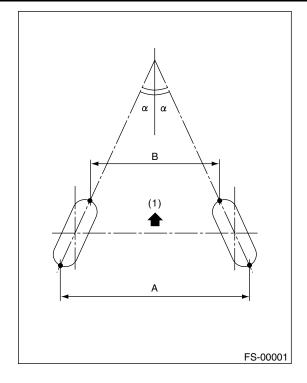
1. General Description

A: SPECIFICATIONS

	Model	Sedan			Wagon		OUT-
	Wiodei	Non-turbo	Turbo	STi	Non-turbo	Turbo	BACK
	Camber (tolerance: ±0°45')	-0°15′	-0°25′	-0°30′	-0°10′	-0°20′	-0°05′
	Caster (common difference: ±0°45')	3°25′	3°35′	4°50′	3°25′	3°35′	3°25′
	Toe-in	0±3 mm (0±0.12 in) Each toe angle: ±0°07′30″					
Front	Kingpin angle (tolerance: ±0°45')	14°20′	14°35′	14°50′	13°30′	13°45′	13°20′
1 1011	Wheel arch height	406 mm	396 mm	386 mm	397 mm	387 mm	402 mm
	[tolerance: ± 12 mm (± 0.47 in)]	(15.98 in)	(15.59 in)	(15.20 in)	(15.28 in)	(15.24 in)	(15.83 in)
	Diameter of stabilizer	20 mm	20 mm	19 mm	20 mm	20 mm	20 mm
		(0.79 in)	(0.79 in)	(0.75 in)	(0.79 in)	(0.79 in)	(0.79 in)
	Camber (tolerance: ±0°45')	-1°25′	-1°30′	–0°40′	-1°15′	-1°20′	-1°10′
	Toe-in	0±3 mm (0±0.12 in) Each toe angle: ±0°09′					
	Thrust angle	0°±30′					
Rear	Wheel arch height	381 mm	376 mm	366 mm	381 mm	376 mm	386 mm
	[tolerance: ±12 mm (±0.47 in)]	(15.0 in)	(14.80 in)	(14.41 in)	(15.0 in)	(14.80 in)	(15.20 in)
	Diameter of stabilizer	13 mm (0.51 in)	17 mm (0.67 in)	20 mm (0.79 in)	13 mm (0.51 in)	17 mm (0.67 in)	13 mm (0.51 in)

NOTE:

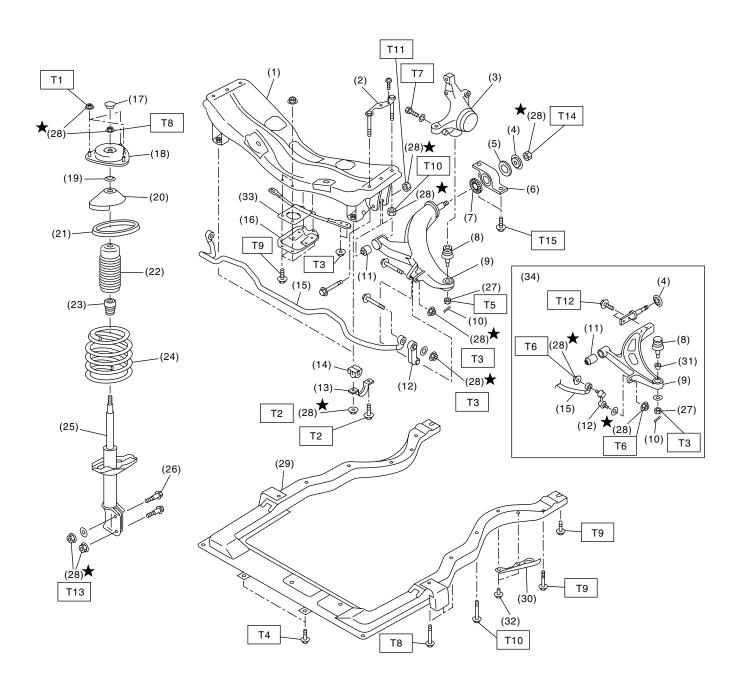
- Front and rear toe-ins and front camber can be adjusted. If toe-in or camber tolerance exceeds specifications, adjust toe-in and camber to the middle value of specification.
- The other items indicated in the specification table cannot be adjusted. If the other items exceeds specifications, check suspension parts and connections for deformities; replace with new ones as required.



(1) Front

A - B = Positive: Toe-in, Negative: Toe-out $\alpha =$ Each toe angle

B: COMPONENT



FS-00093

GENERAL DESCRIPTION

FRONT SUSPENSION

(1)	Front crossmember	(18)	Strut mount	Tight	ening torque: N·m (kgf-m, ft-lb)
(2)	Bolt ASSY	(19)	Spacer	T1:	20 (2.0, 14.5)
(3)	Housing	(20)	Upper spring seat	T2:	25 (2.5, 18.1)
(4)	Washer	(21)	Rubber seat	T3:	30 (3.1, 22)
(5)	Stopper rubber (Rear)	(22)	Dust cover	T4:	34 (3.5, 25)
(6)	Rear bushing	(23)	Helper	T5:	40 (4.1, 30)
(7)	Stopper rubber (Front)	(24)	Coil spring	T6:	45 (4.6, 33)
(8)	Ball joint	(25)	Damper strut	T7:	50 (5.1, 37)
(9)	Transverse link	(26)	Adjusting bolt	T8:	55 (5.6, 41)
(10)	Cotter pin	(27)	Castle nut	T9:	70 (7.1, 52)
(11)	Front bushing	(28)	Self-locking nut	T10:	105 (10.7, 77)
(12)	Stabilizer link	(29)	Sub frame	T11:	125 (12.7, 92)
(13)	Clamp	(30)	Cover	T12:	155 (15.8, 114)
(14)	Bushing	(31)	Boss	T13:	175 (17.8, 129)
(15)	Stabilizer	(32)	Clip	T14:	190 (19.4, 140)
(16)	Jack-up plate	(33)	Front support arm	T15:	250 (25.5, 184)
(17)	Dust seal	(34)	STi model		

C: CAUTION

- Wear working clothing, including a cap, protective goggles, and protective shoes during operation.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly, and replacement.
- Use SUBARU genuine grease etc. or the equivalent. Do not mix grease etc. with that of another grade or from other manufacturers.
- Before securing a part on a vise, place cushioning material such as wood blocks, aluminum plate, or shop cloth between the part and the vise.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or safety stands at the specified points.

D: PREPARATION TOOL

1. SPECIAL TOOLS

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
(1)	927380002	ADAPTER	Used as an adapter for camber & caster gauge when measuring camber and caster. (1) 28199AC000 PLATE (2) 28199AC010 BOLT
ST-927380002			
ST-927680000	927680000	INSTALLER & REMOVER SET	Used for replacing transverse link bushing.
ST-927760000	927760000	STRUT MOUNT SOCKET	Used for disassembling and assembling strut and shock mount.

2. GENERAL PURPOSE TOOLS

TOOL NAME	REMARKS		
Alignment gauge	Used for wheel alignment measurement.		
Turning radius gauge	Used for wheel alignment measurement.		
Toe-in gauge	Used for toe-in measurement.		
Dial gauge	Used for damper strut measurement.		
Coil spring compressor	Used for strut disassembly/assembly.		