WHEEL ALIGNMENT STANDARD

1. FRONT WHEEL ALIGNMENT

Vehicle height:

for Australia

Model	Front A – B	Rear C – D
ACV40R-DEADKQ	129 mm (5.08 in.)	44 mm (1.73 in.)
ACV40R-DEAGKQ		
ACV40R-DEANKQ		
ACV40R-DEAVKQ	131 mm (5.16 in.)	49 mm (1.93 in.)
ACV40R-DEMDKQ	121 mm (4.76 in.)	45 mm (1.77 in.)
ACV40R-DEMVKQ	125 mm (4.92 in.)	51 mm (2.01 in.)
GSV40R–JETDKQ	128 mm (5.04 in.)	47 mm (1.85 in.)
GSV40R–JETKGQ		
GSV40R–JETNKQ		
GSV40R–JETSKQ	130 mm (5.12 in.)	51 mm (2.01 in.)
GSV40R–JETVKQ		

for Papua New Guinea and Fiji

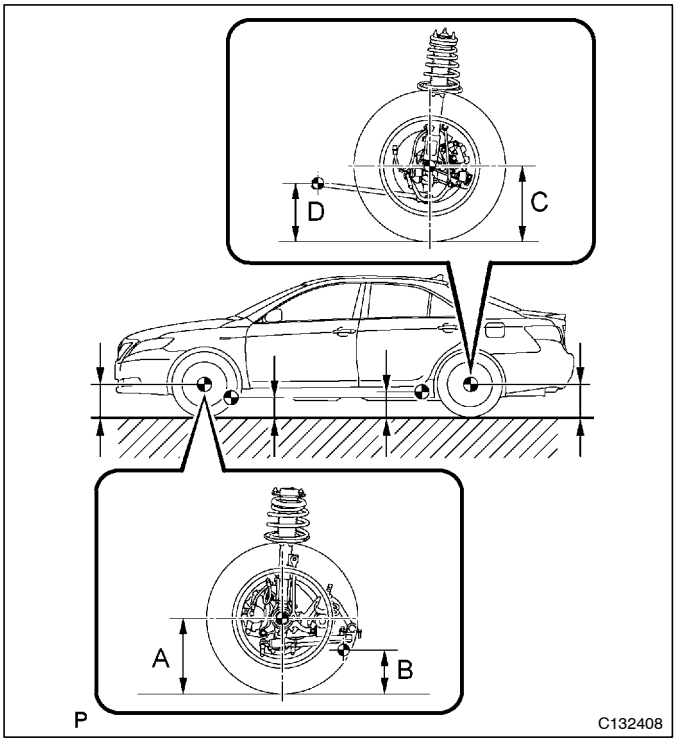
Model	Front A – B	Rear C – D
ACV40R-DEANKQ	119 mm (4.69 in.)	35 mm (1.38 in.)
GSV40R–JETNKQ		

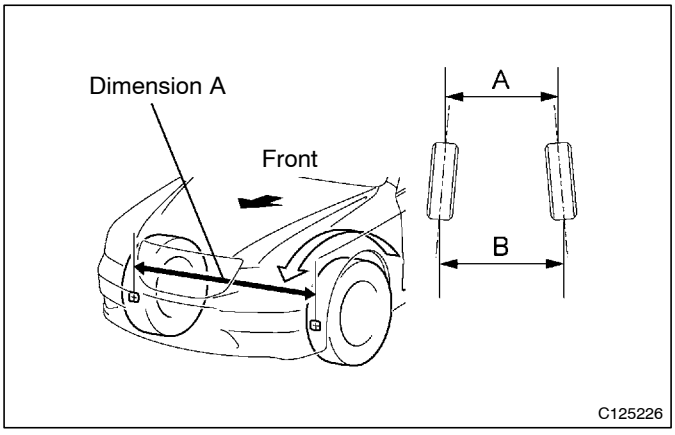
for GCC

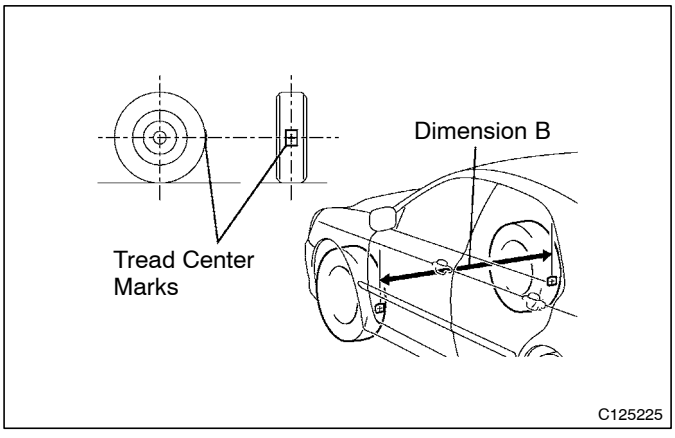
Model	Front A – B	Rear C – D
ACV40L-DEADKV	129 mm (5.08 in.)	44 mm (1.73 in.)
ACV40L-DEANKV		
ACV40L-DEASKV	131 mm (5.16 in.)	49 mm (1.93 in.)
ACV40L-DEMDKV	121 mm (4.76 in.)	45 mm (1.77 in.)
ACV40L-DEMNKV		
ACV40L-DEMSKV	125 mm (4.92 in.)	51 mm (2.01 in.)
GSV40L–JETDKV	128 mm (5.04 in.)	47 mm (1.85 in.)
GSV40L–JETKGV		

Toe-in:

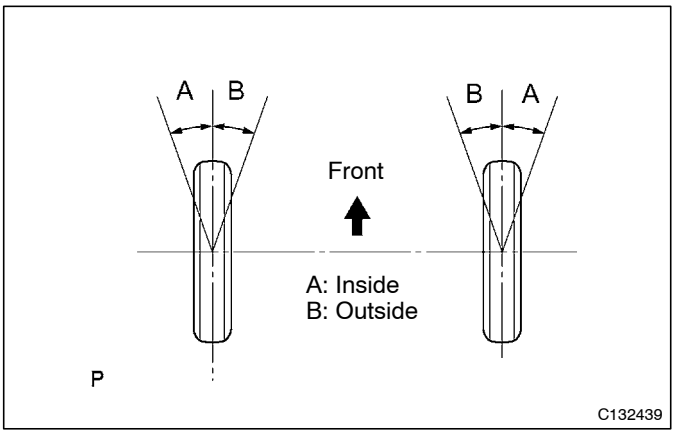
Toe-in (total)	—
A – B:	0 +–2 mm (0 +–0.08 in.)







Wheel turning angle:



for Australia

Inside wheel	Outside wheel (reference)
38°22' +– 2° (38.37° + –2°)	33°33' (33.55°)

for Papua New Guinea and Fiji

Inside wheel	Outside wheel (reference)
38°42' +– 2° (38.70° + –2°)	33°46' (33.77°)

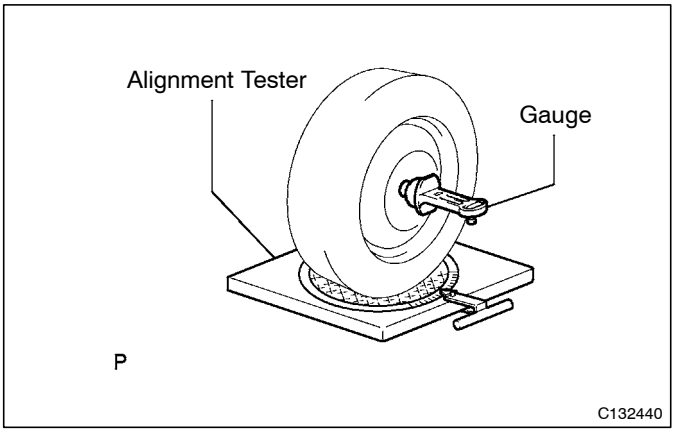
for GCC

Inside wheel	Outside wheel (reference)
38°22' +– 2° (38.37° + –2°)	33°33' (33.55°)

Camber:

for Australia

Model	Camber	Right-left difference
ACV40R-DEADKQ	–0°45' +–45' (–0.75° +–0.75°)	45' (0.75°) or less
ACV40R-DEAGKQ		
ACV40R-DEANKQ		
ACV40R-DEAVKQ		
ACV40R-DEMDKQ	–0°40' +–45' (–0.67° +–0.75°)	
ACV40R-DEMVKQ		
GSV40R–JETDKQ	–0°40' +–45' (–0.67° +–0.75°)	
GSV40R–JETKGQ		
GSV40R–JETNKQ		
GSV40R–JETSKQ	–0°45' +–45' (–0.75° +–0.75°)	
GSV40R–JETVKQ		



for Papua New Guinea and Fiji

Model	Camber	Right-left difference
ACV40R-DEANKQ	–0°35' +–45' (–0.59° +–0.75°)	45' (0.75°) or less
GSV40R–JETNKQ		

for GCC

Model	Camber	Right-left difference
ACV40L-DEADKV	–0°45' +–45' (–0.75° +–0.75°)	45' (0.75°) or less
ACV40L-DEANKV		
ACV40L-DEASKV		
ACV40L-DEMDKV	–0°40' +–45' (–0.67° +–0.75°)	
ACV40L-DEMNKV		
ACV40L-DEMSKV		
GSV40L–JETDKV	–0°40' +–45' (–0.67° +–0.75°)	
GSV40L–JETKGV		

Caster:

for Australia

Model	Caster	Right-left difference
ACV40R-DEADKQ	2°45' +–45' (2.75° +–0.75°)	45' (0.75°) or less
ACV40R-DEAGKQ		
ACV40R-DEANKQ		
ACV40R-DEAVKQ	2°50' +–45' (2.83°+–0.75°)	
ACV40R-DEMDKQ	2°55' +–45' (2.92° +–0.75°)	
ACV40R-DEMVKQ		
GSV40R–JETDKQ	2°50' +–45' (2.83° +–0.75°)	
GSV40R–JETKGQ		
GSV40R–JETNKQ		
GSV40R–JETSKQ	2°45' +–45' (2.75° +–0.75°)	
GSV40R–JETVKQ		

for Papua New Guinea and Fiji

Model	Caster	Right-left difference
ACV40R-DEANKQ	2°40' +–45' (2.67°+–0.75°)	45' (0.75°) or less
GSV40R–JETNKQ		

for GCC

Model	Caster	Right-left difference
ACV40L-DEADKV	2°45' +–45' (2.75° +–0.75°)	45' (0.75°) or less
ACV40L-DEANKV		
ACV40L-DEASKV	2°50' +–45' (2.83° +–0.75°)	
ACV40L-DEMDKV	2°55' +–45' (2.92°+–0.75°)	
ACV40L-DEMNKV		
ACV40L-DEMSKV		
GSV40L–JETDKV	2°50' +–45' (2.83°+–0.75°)	
GSV40L–JETKGV		

Steering axis inclination:

for Australia

Model	Steering axis inclination	Right-left difference
ACV40R-DEADKQ	12°20' +–45' (12.33° +–0.75°)	45' (0.75°) or less
ACV40R-DEAGKQ		
ACV40R-DEANKQ		
ACV40R-DEAVKQ		
ACV40R-DEMDKQ	12°10' +–45' (12.17° +–0.75°)	
ACV40R-DEMVKQ	12°15' +–45' (12.25° +–0.75°)	
GSV40R–JETDKQ	12°20' +–45' (12.33° +–0.75°)	
GSV40R–JETGKQ		
GSV40R–JETNKQ		
GSV40R–JETSKQ		
GSV40R–JETVKQ		

for Papua New Guinea and Fiji

Model	Steering axis inclination	Right-left difference
ACV40R-DEANKQ	12°05' +–45' (12.08° +–0.75°)	45' (0.75°) or less
GSV40R–JETNKQ		

for GCC

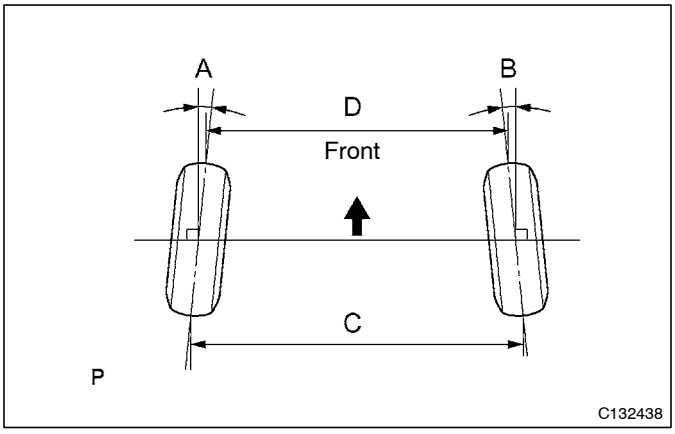
Model	Steering axis inclination	Right-left difference
ACV40L-DEADKV	12°20' +–45' (12.33° +–0.75°)	45' (0.75°) or less
ACV40L-DEANKV		
ACV40L-DEASKV		
ACV40L-DEMDKV	12°10' +–45' (12.17° +–0.75°)	
ACV40L-DEMNKV	12°15' +–45' (12.25° +–0.75°)	
ACV40L-DEMSKV		
GSV40L–JETDKV	12°20' +–45' (12.33° +–0.75°)	
GSV40L–JETKGV		

2. REAR WHEEL ALIGNMENT

Toe-in:

for Australia

Toe-in	–
C – D:	4 +–2 mm (0.16 +–0.08 in.)



for GCC

Toe-in	–
C – D:	3 +–1 mm (0.12 +–0.04 in.)

Camber:

for Australia

Model	Camber	Right-left difference
ACV40R-DEADKQ	–0°15' +–45' (–1.25° +–0.75°)	45' (0.75°) or less
ACV40R-DEAGKQ		
ACV40R-DEANKQ		
ACV40R-DEMDKQ		
ACV40R-DEAVKQ	–0°15' +–45' (–1.25° +–0.75°)	
ACV40R-DEMVKQ		
GSV40R–JETDKQ	–0°15' +–45' (1.25° +–0.75°)	
GSV40R–JETGKQ		
GSV40R–JETNKQ		
GSV40R–JETSKQ	–0°45' +–45' (–0.75° +–0.75°)	
GSV40R–JETVKQ		

for Papua New Guinea and Fiji

Model	Camber	Right-left difference
ACV40R-DEANKQ	–1°00' +–45' (–1.00° +–0.75°)	45' (0.75°) or less
GSV40R–JETNKQ		

for GCC

Model	Camber	Right-left difference
ACV40L-DEADKV	–1°10' +–45' (–1.17° +–0.75°)	45' (0.75°) or less
ACV40L-DEANKV		
ACV40L-DEMNKV		
ACV40L-DEMDKV	–1°15' +–45' (–1.25° +–0.75°)	
ACV40L-DEASKV		
ACV40L-DEMSKV		
GSV40L-JETDKV	–1°15' +–45' (–1.25° +–0.75°)	
GSV40L–JETKGV		