DEFINITIONS OF SEVERE CONDITIONS (Except for U.S.A. and CANADA)

1. Required maintenance under the following conditions

 For vehicles used under any of the following conditions, the maintenance items listed below should be performed in addition to the scheduled maintenance.

A: Road conditions

- 1. Operating on rough or muddy roads, or roads with melted snow or waterlogged roads.
- 2. Operating on dusty roads. (Roads in areas where their pavement rate is low, or a cloud of dust often arises and the air is dry.)
- 3. Operating on road which has road salt applied.
- 4. Operating frequently on 2,000 m (6,562 ft.) above sea. (Vehicle with high altitude compensator or EFI diesel engine.)
 - Operating frequently on 700 m (2,297 ft.) above sea. (Vehicle without high altitude compensator or EFI diesel engine.)

B: Driving conditions

- 1. Heavily loaded vehicle. (Example : Towing a trailer, using a camper, using a car top carrier, etc.)
- 2. Repeated short trips of less than 8 km (5 miles) and outside temperatures remain below freezing. (Engine temperature will not reach to normal temperature.)
- 3. Repeated short trips of less than 15 km (9 miles). (Engine temperature will not reach to normal temperature.)
- 4. Extensive idling and/or low speed driving for a long distance such as police, professional/private use like taxi or door-to-door delivery use.
- 5. Continuous high speed driving (80 % or more of maximum vehicle speed) for over 2 hours.
- 6. Daily (30 min. or more) off-road operation of the vehicles at high engine speed and low vehicle speed, such as heavy cargo transportation, off-roads trailer towing.

Conditions															
A: Road B: Driving										Here a					
(conditions conditions									Items					
1.	2.	3.	4.	1.	2.	3.	4.	5.	6.		T.				
	•			•		•	•					For 2TR-FBE	, 1NR-FBE, 2NR-FBE, 1ZR-FBE, or 2ZR-FBE engines only		
	•			•	•		•			Engine oil	Others				
	•		•	•	•		•				Diesel engine				
	•			•	•		•			LPG & CNG engine					
	•			•		•	•			Engine oil filter		For 2TR-FBE	, 1NR-FBE, 2NR-FBE, 1ZR-FBE, or 2ZR-FBE engines only		
	•			•	•		•			Lingine on inter		Others			
	•									Air cleaner filter					
							•			HEV battery cooling intake filter					
							•			CNG tank					
•							•			Hydrogen supply system (For FC SYSTEM only)					
•							•			Hydrogen tank with valve (For FC SYSTEM only)					
•							•			Hydrogen tank band (For FC SYSTEM only)					
•	•			•			•			Brake linings and drums (Including parking brake linings and drums)					
•	•			•			•			Brake pads and discs					
•										Brake pipes and hoses (Except for EUROPE)					
•	•			•			•			Brake master cylinder, wheel cylinder cup and rubber parts					
•										Suspension ball joints and dust covers					
									● *2						
•										Clutch fork grease					
•	•	•								Clutch switch					
•	•	•								Stop light switch					
•										Drive shaft boots					
•										Tighten bolts or nuts for drive shaft (flange-type)					
				•				•		Manual transmission oil					
										Changed For brand-new, model changed, or minor changed non-hybrid electric vehicles and non-battery electric vehicle, that have been produced since January 2015, and also					
								L		Automatic transmiss	ion fluid	for Crown(TZSH35)			
				•				•				Others			
●*1	●*1			•				•		Fransfer oil					
				•				•		Transaxle fluid (e-Transaxle fluid)					
				•				•				M/T model			
				•			•	•			Integrated with transmission	Changed A/T model	For brand-new, model changed, or minor changed non-hybrid electric vehicles and non-battery electric vehicle, that have been produced since January 2015, and also for Crown(TZSH35)		
				•				•					Others		
				•				•			Separated from tr	ansmission			
				•				•		Rear differential oil					
•	•	•		•						Propeller shaft grease					
•	•	•		•						Tighten bolt for propeller shaft					
● *3	●*3	● *3		● *3						Propeller shaft boots					
•	_									Steering wheel, linkage and steering gear box					
•				•						Wheel bearing grease					
•										Steering knuckle, drag link, kingpin, center arm and steering linkage grease (Except for AUSTRALIA and GENERAL)					
•				•						Front and rear suspension					
•				•						Bolts and nuts on chassis and body					
•				•						Tires and inflation pressure (For Europe only)					
	•									Air conditioner filter					
*1. [D ha	00.4	Λ/D •	mode	podels.									

^{*1:} For FR base 4WD models.

^{*2:} For Land Cruiser 150 and FJ Cruiser (1GR-FE engine models) only.

^{*3:} For Land Cruiser 300, LX600, and LX500d only.