NEW FEATURES

■1UR-FE ENGINE

1. Starting System

A PA70LL-GX type starter is used on cold area specification models.

▶ Specification ◀

Models	’12 Toyota Tundra	’11 Toyota Tundra
Type	PA70LL-GX	PA78S
Rated Output	2.0 kW	←
Rated Voltage	12 V	←
Length*1	141.1 mm (5.56 in.)	168.9 mm (6.65 in.)
Weight	3200 g (7.05 lb)	4300 g (9.48 lb)
Rotating Direction	Clockwise*2	←

*1: Length from the mounted area to the rear end of the starter
*2: Viewed from pinion side

■3UR-FE AND 3UR-FBE ENGINES

1. Starting System

A PA70LL-GX type starter is used.

▶ Specification ◀

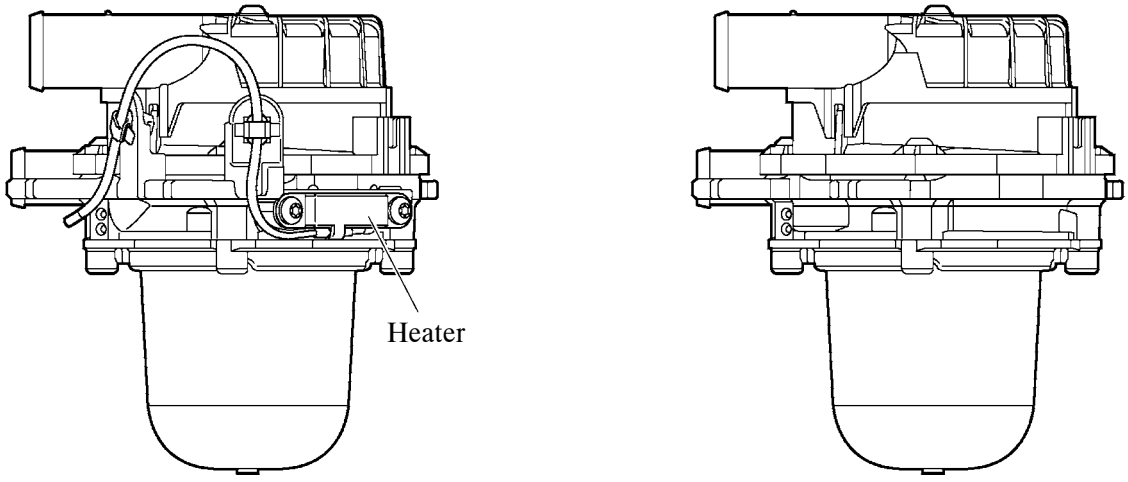
Model	’12 Toyota Tundra	’11 Toyota Tundra
Type	PA70LL-GX	PA78S
Rated Output	2.0 kW	←
Rated Voltage	12 V	←
Length*1	144.6 mm (5.69 in.)	172.35 mm (6.79 in.)
Weight	3200 g (7.05 lb)	4300 g (9.5 lb)
Rotating Direction	Clockwise*2	←

*1: Length from the mounted area to the rear end of the starter
*2: Viewed from pinion side

2. Engine Control System

Air Injection System

A heater is provided to prevent operation faults in cold conditions.



’12 Toyota Tundra **’11 Toyota Tundra**

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