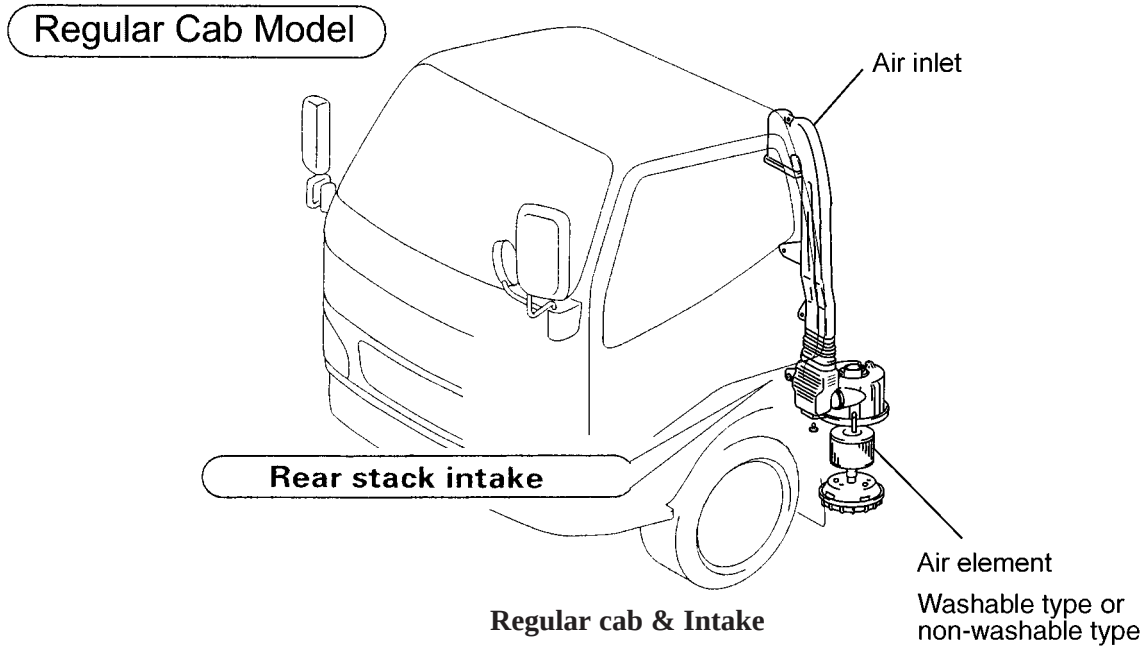
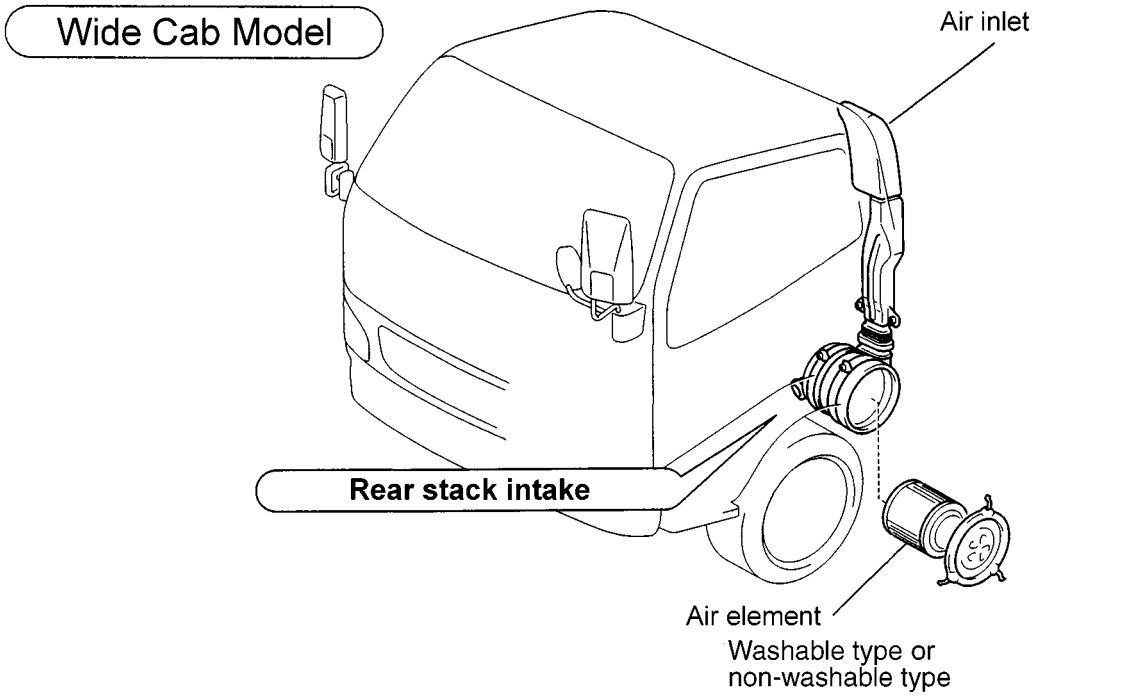
■INTAKE SYSTEM

1. Air Inlet

- The air cleaner case is made of injection molded resins, so it is much lighter than conventional steel cases. It also has reduced vibration and noise due to its rib reinforcement and rubber mounts.
- There are two types of air element, one is a washable type and other is a non-washable type. These are chosen as fit to the driving conditions.
- The intake pipe was made of blow-molded resins, and the pipe diameter was enlarged to reduce the intake resistance.
- With a capacity ideally suited to the air inlet, the resonator reduces intake noise in all frequency bands.



Regular cab & Intake





Washable type



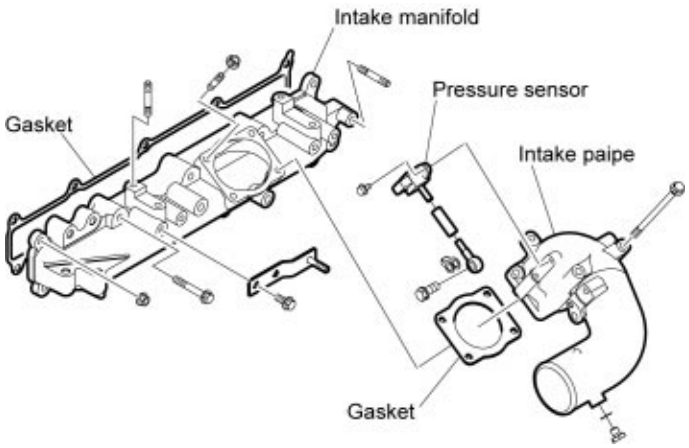
Non-washable type

Air element

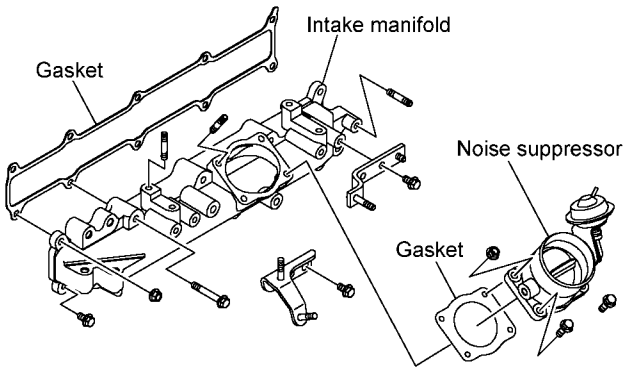
2. Intake Manifold

- The intake manifold is made of a lightweight aluminum alloy. The intake manifold form a large chamber, increasing the air intake rate in the high-speed range and boosting the engine output. The port shape was optimally designed to secure the appropriate air intake rate for each speed range, and the combustion efficiency was improved for reduced emissions.

S05C-TA, S05C-TB



S05C-B



W04D-J

