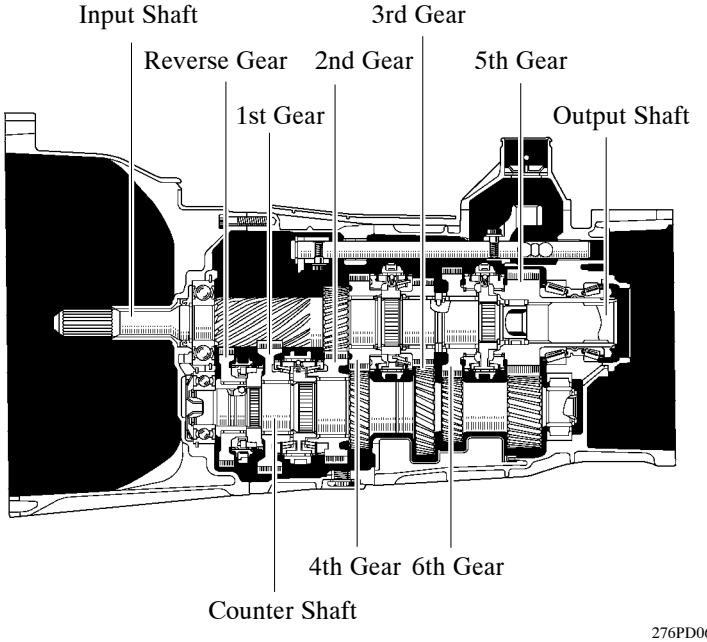
RA61F MANUAL TRANSMISSION

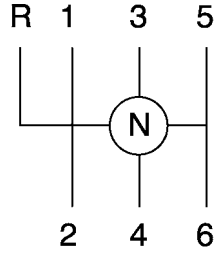
■ DESCRIPTION

The RA61F manual transmission is a 6-speed manual transmission. This manual transmission has the following features:

Item	Feature
Gear Train	An output reduction method is used to achieve a compact construction.
Gear Engagement	All forward gears and reverse gear are constant mesh type gears. They are used to achieve an excellent shift feel.
Synchromesh Mechanism	A triple-cone type synchromesh mechanism is used for 1st, 2nd and 3rd gears to achieve an excellent shift feel.
Shift Mechanism	The shift mechanism uses four shift forks and sliding-shafts.
Transmission Case and Cover	• The transmission front, center and rear cases and control shift lever retainer are made of aluminum alloy for weight reduction. • A transmission cover is used to restrain the transfer of the internal sound of the transmission to the cabin.
Oil Separator	An oil separator is used to reduce parasitic losses due to transmission oil churning.



276PD06



Shift Pattern

276PD35

▶ Specification ◀

Type		RA61F
Gear Ratio	1st	4.171
	2nd	2.190
	3rd	1.488
	4th	1.193
	5th	1.000
	6th	0.799
	Reverse	3.607
Oil Capacity	Liters (US qts, Imp.qts)	1.8 (1.9, 1.6)
Oil Viscosity		SAE 75W-90
Oil Grade		API GL-4 or GL-5
Weight (Reference)*	kg (lb)	57.7 (127.2)

*: The figure shown is the weight of the part including the oil.