

OIL PRESSURE SWITCH [GW6A-EL, GW6AX-EL]

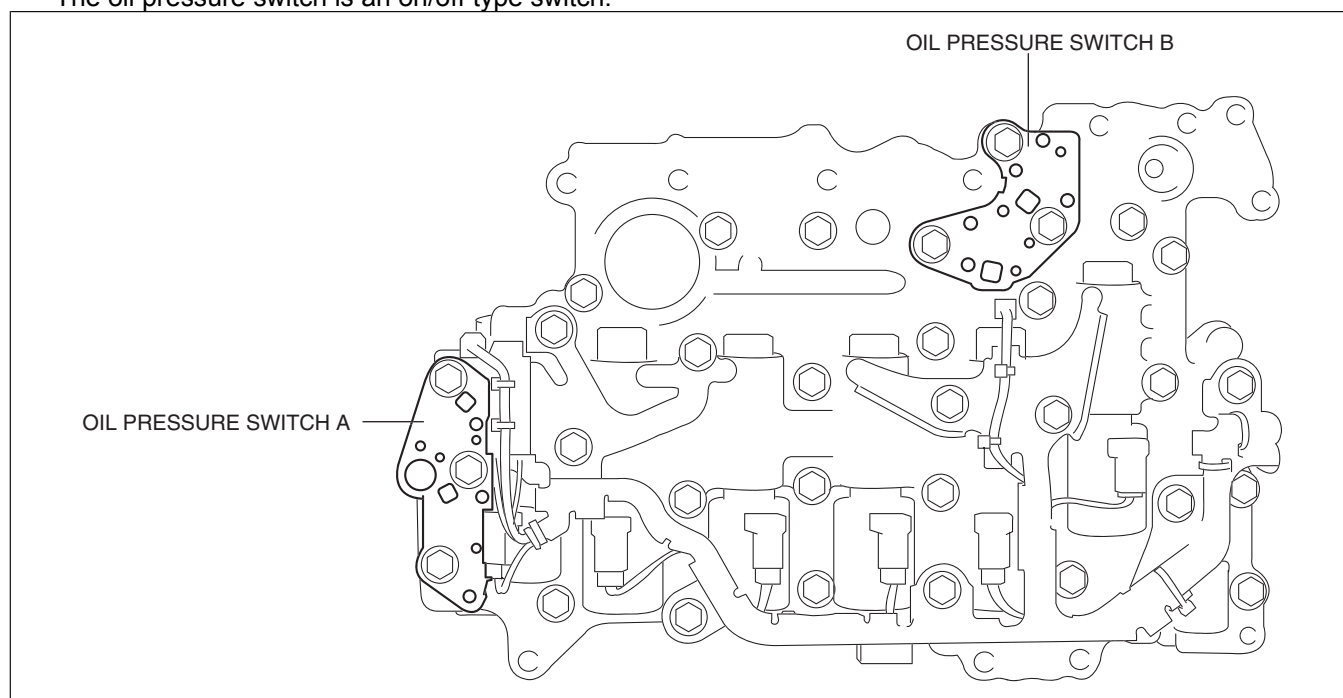
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Purpose/Function

- The oil pressure switch detects the engagement pressures of the low clutch, 2-6 brake, R-3-5 brake, and the high clutch.
- The oil pressure switch signal is used for automatic shift control, manual shift control, TCC control, line pressure control, direct electric shift control, and the on-board diagnostic system.

Construction

- The oil pressure switch contacts the oil passages of the low clutch, 2-6 brake, R-3-5 brake, and the high clutch and is installed to the control valve body.
- The oil pressure switch is an on/off type switch.



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Relation of oil pressure switch and engagement pressure detection targets

Oil pressure switch		Clutch/brake
Oil pressure switch A	Oil pressure switch No.2	2-6 brake
	Oil pressure switch No.3	R-3-5 brake
Oil pressure switch B	Oil pressure switch No.1	Low clutch
	Oil pressure switch No.4	High clutch

Operation

- When engagement pressure is supplied to the applicable clutch and brake, the oil pressure switch contact point closes.
- The TCM detects that clutch engagement pressure is supplied to the applicable clutch/brake by opening/closing the oil pressure switch contact point.

X: Contact point is closed

Oil pressure switch	1GR	2GR	3GR	4GR	5GR	6GR
Oil pressure switch No.1	X	X	X	X		
Oil pressure switch No.2		X				X
Oil pressure switch No.3			X		X	
Oil pressure switch No.4				X	X	X