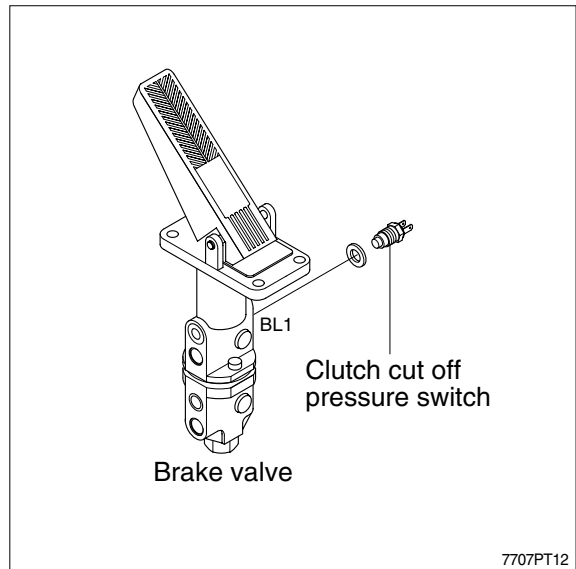


GROUP 3 TESTS AND ADJUSTMENTS

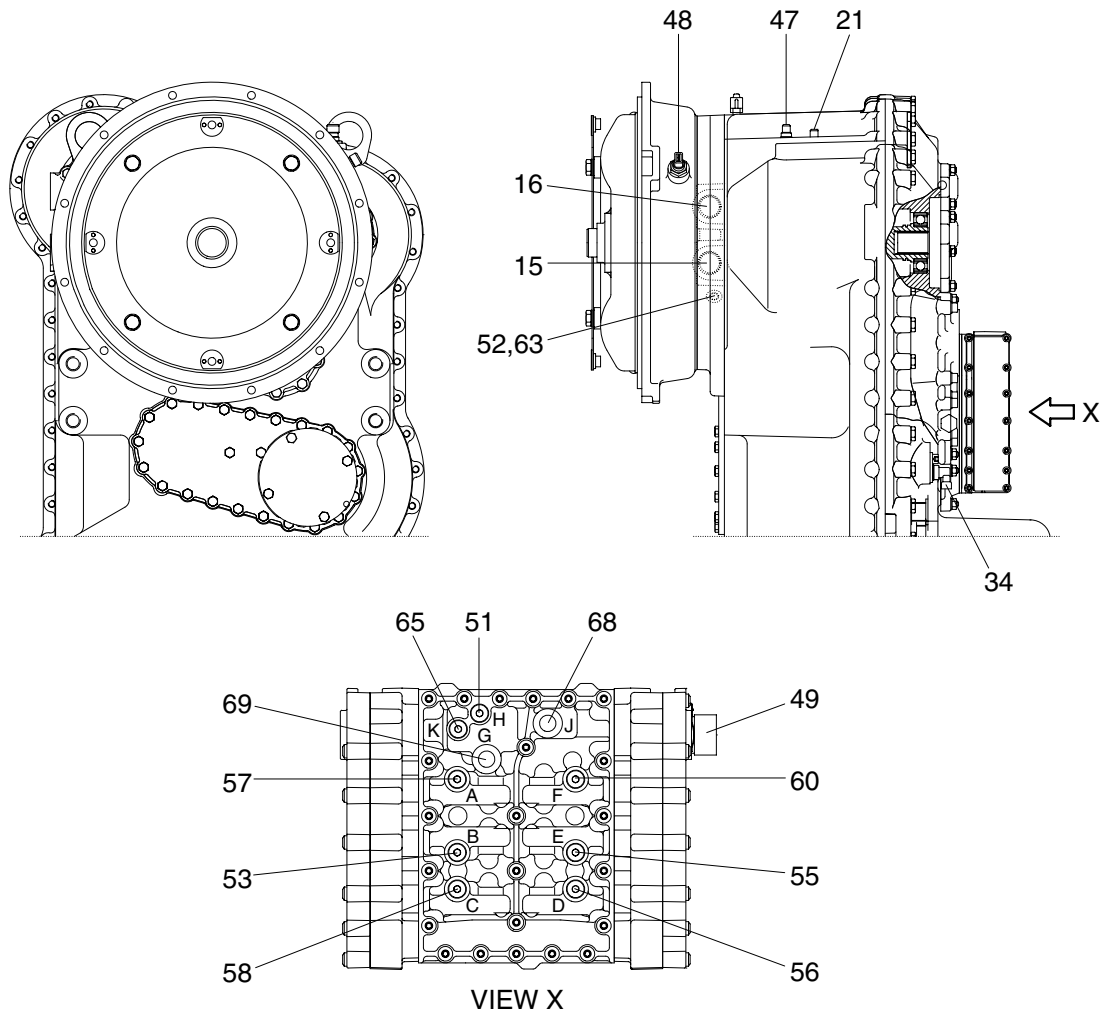
1. CLUTCH CUT-OFF PRESSURE SWITCH TEST

The setting pressure of the clutch cut-off pressure switch should be suited with the specification. The rated pressure is 25kgf/cm². For the detailed method for pressure adjusting, refer to page 4-22.



2. TRANSMISSION MEASURING POINTS AND CONNECTIONS

The measurements have to be carried out at hot transmission (About 80-95° C).



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1) OIL PRESSURE AND TEMPERATURE

Port	Description	Size
51	Converter inlet-opening pressure(9bar) H	M10×1.0
52	Converter outlet-opening pressure(3.5bar)	M14×1.5
53	Forward clutch(16+2bar) KV B	M10×1.0
55	Reverse clutch(16+2bar) KR F	M10×1.0
56	1st clutch(16+2bar) K1 D	M10×1.0
57	2nd clutch(16+2bar) K2 A	M10×1.0
58	3rd clutch(16+2bar) K3 C	M10×1.0
60	4th clutch(16+2bar) K4 E	M10×1.0
63	Converter outlet temperature 100°C, short-time 120°C	M14×1.5
65	System pressure(16+2bar) K	M10×1.0

2) DELIVERY RATES

Port	Description	Size
15	Connection to the oil cooler	1 5/6" -12UNF-2B
16	Connection from the oil cooler	1 5/6" -12UNF-2B

3) INDUCTIVE TRANSMITTER AND SPEED SENSOR

Port	Description	Size
21	Inductive transmitter n turbine	M18 × 1.5
34	Speed sensor n output and speedometer	-
47	Inductive transmitter n central gear train	M18 × 1.5
48	Inductive transmitter n engine	M18 × 1.5

4) CONNECTIONS

Port	Description	Size
49	Plug connection on the hydraulic control unit	-
68	Pilot pressure(Optional) J	M16 × 1.5
69	System pressure(Optional) G	M16 × 1.5