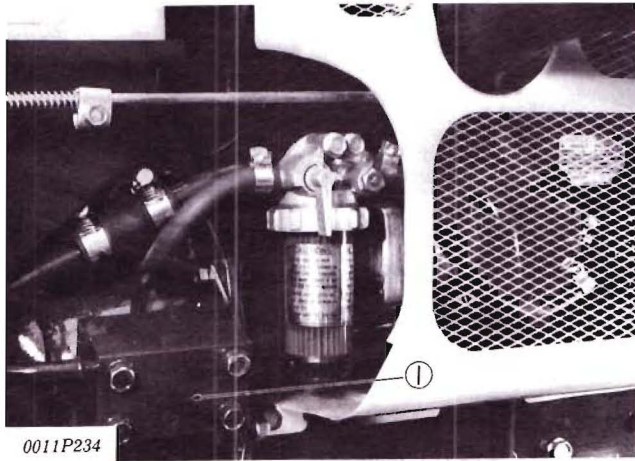


Group 4

Hydraulic Block



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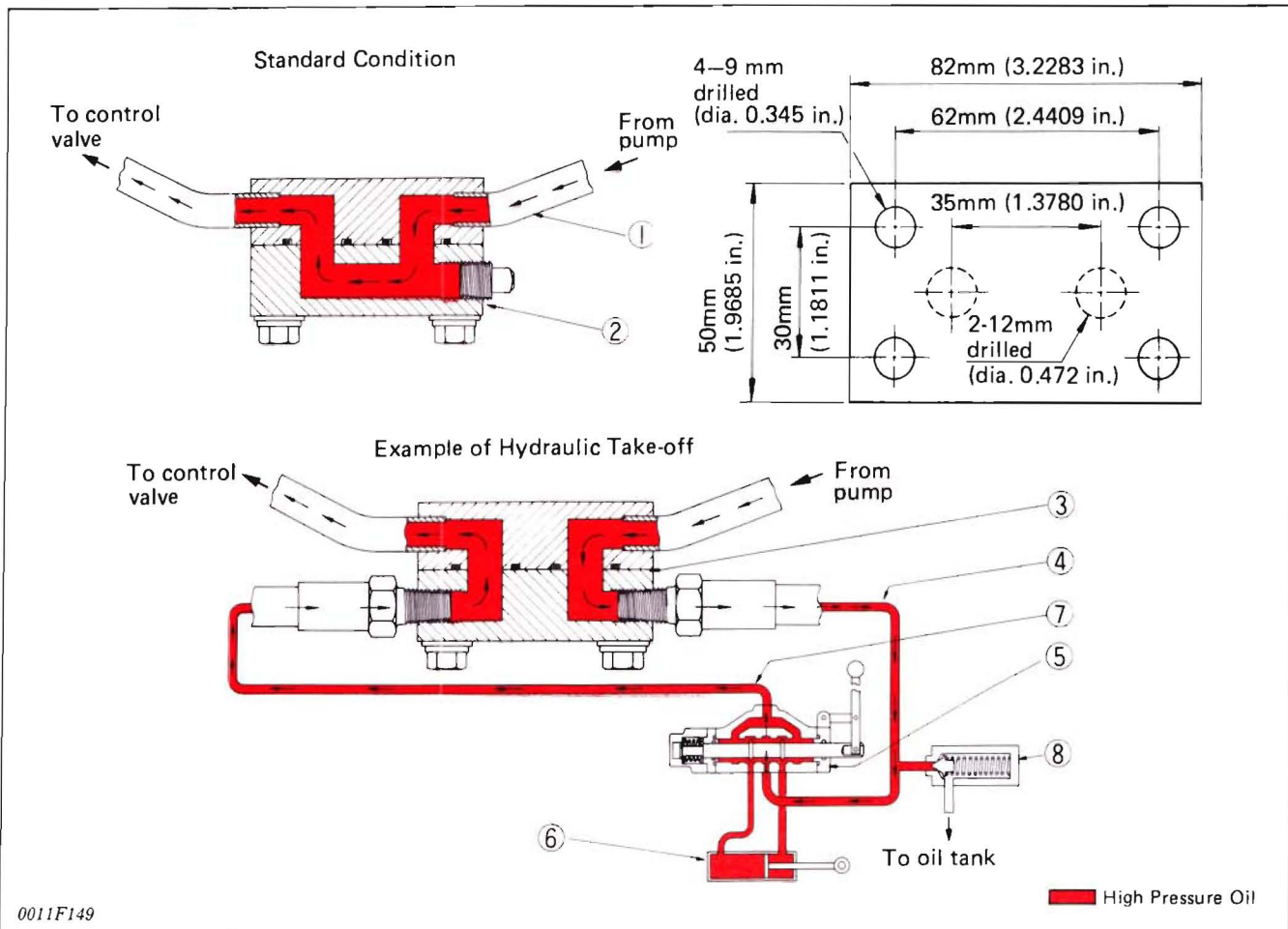
1. Hydraulic Block

Fig. M-46 Hydraulic Block

When hydraulic power is used with the control valve and the three-point linkage and if other hydraulic power is required simultaneously, hydraulic power can be taken off from the hydraulic block integrated with the delivery pipe.

Hydraulic power take-off

- Remove the block cover (2) of the delivery pipe and replace it with the implement hydraulic cover (3).
- Connect the cover front mounting with the delivery pipe (4) which leads to the implement, and connect the rear mounting with the return pipe from the implement.



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1. Delivery Pipe
2. Hydraulic Cover

3. Hydraulic Cover (Implement)
4. Delivery Pipe (Implement)

5. Valve (Implement)
6. Cylinder (Implement)

7. Return Hose (Implement)
8. Relief Valve (Implement)

Fig. M-47 Method of Hydraulic Power Take-Off in Hydraulic Block

Precautions

- a. Implement oil circuit must be cleaned before setting.
- b. The implement pressure control valve (5) must be a type which will return oil relieved by the relief valve directly to the transmission case. If the valve is a type which returns oil to the return pipe (7), when the three-point linkage system is operated simultaneously with the hydraulic block, the three-point linkage-side relief pressure and block-side relief pressure

will be added together and the gear pump and other units may be damaged.

- c. Relief pressure of the implement relief valve must be set at a max. of 11.8 MPa (120 kg/cm², 1710 psi).

IMPORTANT:

When installing the implement to the hydraulic block, drain oil in the implement, and don't mix that oil and hydrostatic transmission oil if possible.