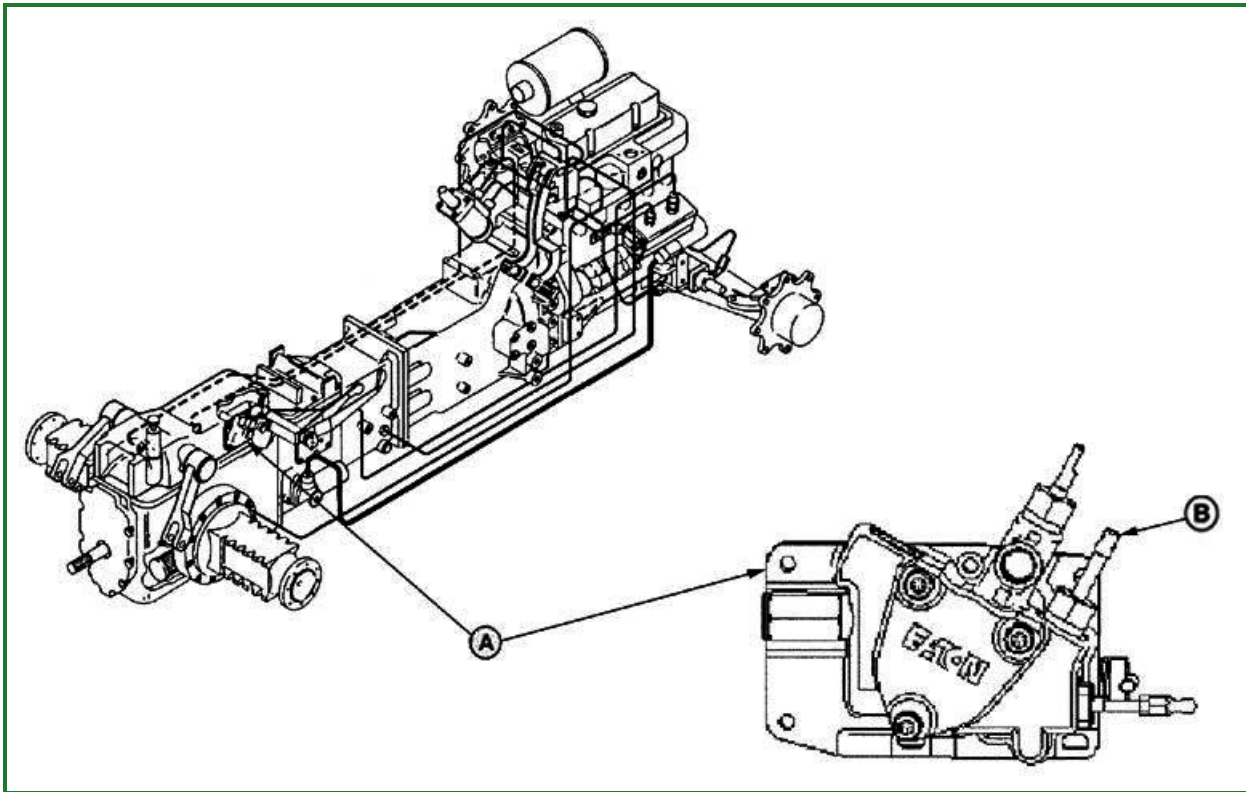


JD Rockshaft Leakage Test



PY5286-UN: Rockshaft Leakage Test

LEGEND:

A - Rockshaft Control Valve

B - Rate-of-Drop Knob

REASON:

To determine if leakage exists in rockshaft cylinder, housing, or valve.

PROCEDURE:

1. Attach minimum weight of 45kg (100 lb) to draft links.
2. Close rate-of-drop valve (B).
3. Move rockshaft position lever all the way forward.
4. Rockshaft should drop slightly, then hold.

RESULTS:

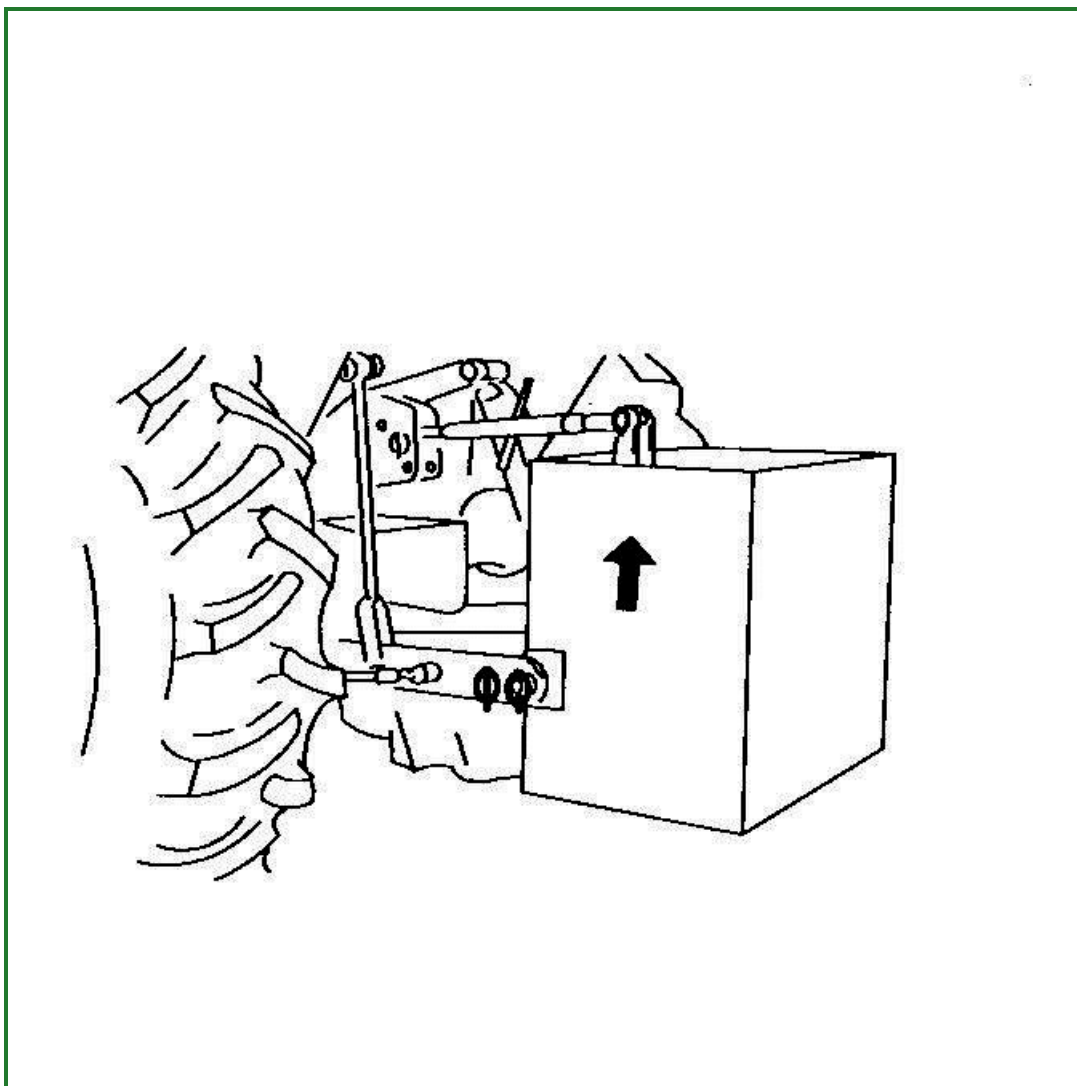
- If rockshaft drops, there is leakage past rockshaft piston, seals, or surge (safety) relief valve. Remove rockshaft housing and inspect. Replace parts as necessary.

If the rockshaft doesn't drop then replace hitch block.

Go to [Section_270:Group_30](#)

BS13987,0000431-19-20131219

Rockshaft Lift Cycle Test



M48462-UN: Rockshaft Lift Cycle Test

REASON:

To determine if hydraulic flow can provide enough force to lift the 3-point hitch arms as designed.

PROCEDURE:

1. Attach approximately 227 kg (500 lb) rear weight or implement.

2.

NOTE:

Ballast Box could be used.

Open rate-of-drop valve completely.

3. Lower 3-point hitch completely.
4. Run engine at fast idle.
5. Observe the time it takes to completely raise the 3-point hitch arms after you pull the position lever all the way back.