



## Customer Service Bulletin Commercial Business Group

### Groundsmaster® 4000-D

Model/Serial Range: Model Number:

30410

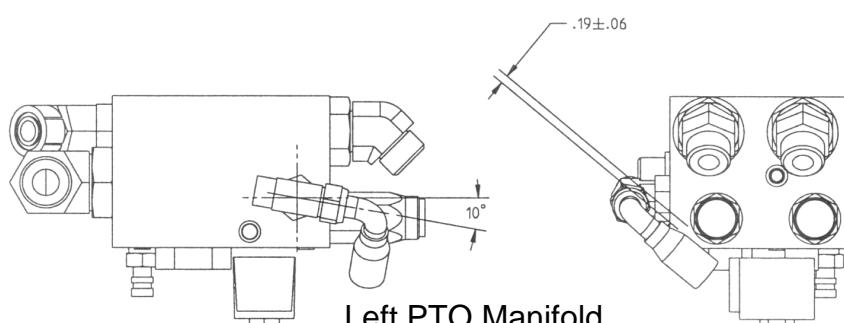
Serial Numbers:

210000101-210000181

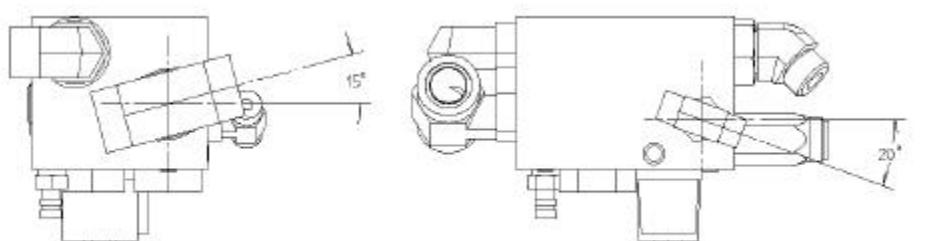
**Subject: PTO Hoses May Rub On Rear Wheel Or Wing Deck.**

**Situation:** Your machine may have been assembled with incorrectly positioned hydraulic fittings. Improper positioning of these fittings can cause premature hose failures due to abrasion and may exceed hose flex capability. Inspect the machine with the wing decks raised and lowered to ensure adequate PTO hose clearances with the rear tire, the engine exhaust, the deck and deck shock absorber assembly; correct as needed as indicated in these instructions. Hose contact with these components may also be caused by twisted hoses.

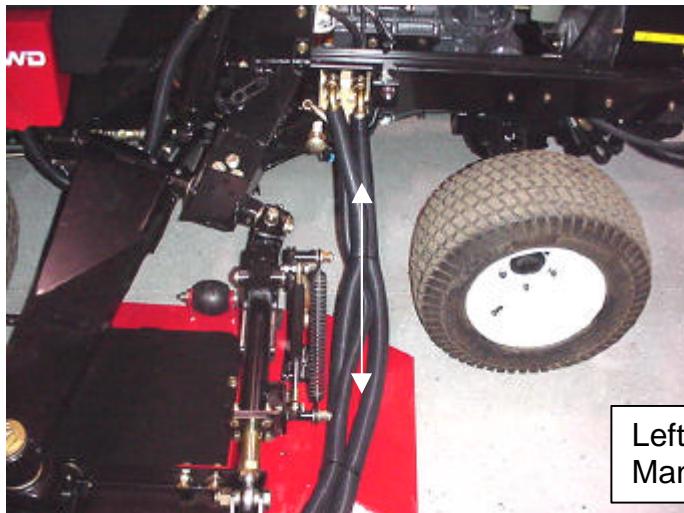
**Correction:** Hose twisting can be relieved by loosening the fittings, allowing the hoses to "relax" and then re-tightening the fittings with two wrenches to the proper hose routing. The specified angles for the elbow fittings coming out of the wing deck PTO manifolds are indicated below. The Left PTO Manifold line drawing corresponds with the view of the hose routing to the left wing deck (left as viewed by the operator). The right PTO Manifold line drawing indicates the angle specification for the right wing deck PTO Manifold.



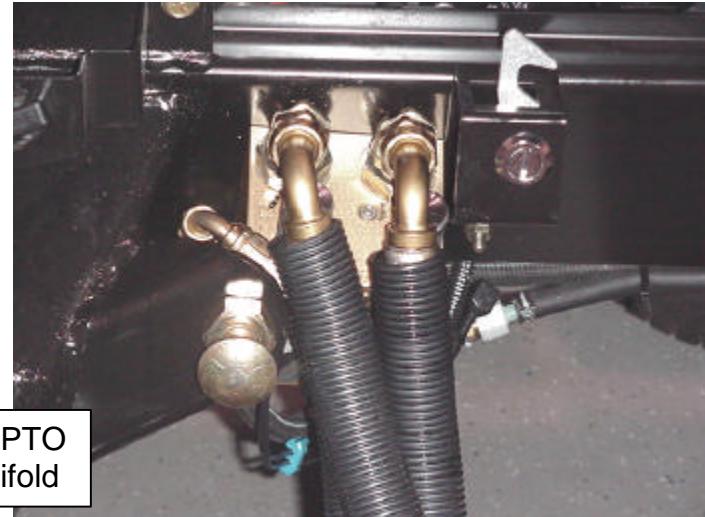
Left PTO Manifold



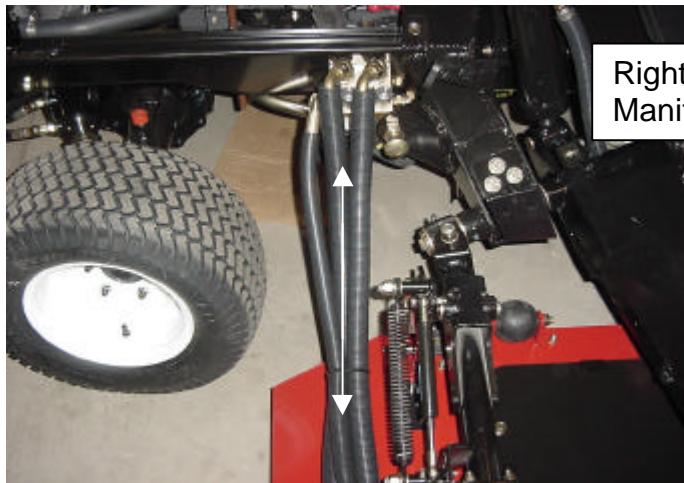
Right PTO Manifold



Left PTO  
Manifold



The PTO hoses should be as perpendicular to the tractor as possible where they are positioned off the manifold blocks to maintain proper rear tire and wing deck clearances



Right PTO  
Manifold

