

#7600058 TRANSMISSION PULLEY KIT FOR SEARS / SIMPLICITY ZT RIDING MOWERS



WARNING



DO NOT attempt any adjustments, maintenance, repairs, or service with engine running. Stop engine. Engage parking brake. Remove key. Remove spark plug wire and secure wire away from spark plug. Engine, muffler and surrounding areas are extremely hot. Avoid serious burns; allow components to cool down before installing kit. Replace worn or damaged parts prior to operating. Use approved fuel container. DO NOT smoke near open fuel container. DO NOT fill fuel tank indoors or when engine is running. Allow engine to cool for at least ten minutes before refilling. Make sure that fuel cap is tightened securely. Wipe off any spilled fuel before starting engine.

Kit Contents - 7600058 Transmission Pulley Kit

7027266 - 7/16-20 x 3 Hex Head Cap Screw (1)

7101716 - Engine Pulley (1)

7101717 - Clutch Retainer (1)

1732224 - Transmission Belt (1)

7072080 - Wire Tie (1)

STEP 1: Lower the mowing deck to its lowest cutting position. Refer to the unit's Operator's Manual for instructions.

STEP 2: Remove the mowing deck belt from the electric clutch pulley. Refer to the unit's Operator's Manual for instructions.

STEP 3: Carefully cut the wire tie securing the electric clutch harness to the clutch retainer. Then disconnect the electric clutch harness from the unit's main electric harness. See Figure 1.

STEP 4: Remove the hardware securing the electric clutch to the engine shaft. Remove the clutch and clutch key from the engine shaft. See Figure 1.

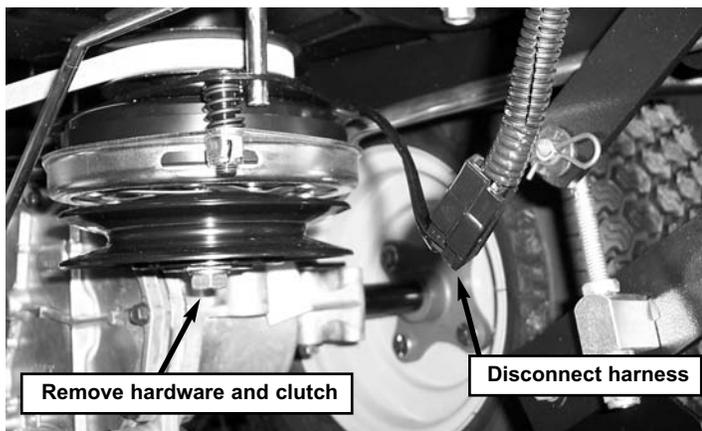


FIGURE 1

STEP 5: Remove the forward end of the transmission idler spring from the shoulder bolt mounted to the underside of the unit. See Figure 2.

STEP 6: Remove the transmission belt from the engine pulley and the two transmission pulleys. See Figure 3.

Note: The transmission belt is retained in the idler assembly by the idler belt guide, and therefore cannot be removed from the idler assembly at this time.



FIGURE 2

STEP 7: Remove the engine pulley assembly from the engine shaft, and replace with the engine pulley assembly supplied with this kit. See Figure 3.

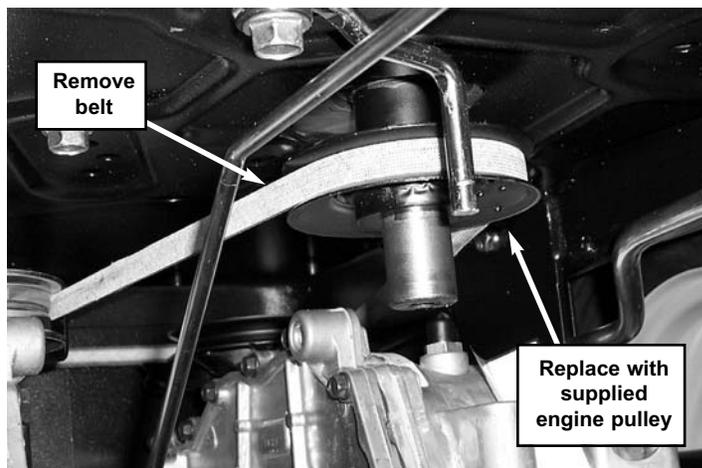


FIGURE 3

STEP 8: Remove the hardware securing the transmission idler assembly to the underside of the unit. Remove the idler assembly.

STEP 9: Remove the nut securing the transmission idler pulley to the idler arm, and remove the pulley assembly. See Figure 4.

Note: Make careful note of the exact placement of the idler belt guide before removing hardware, as the belt guide must be in this same position upon reassembly. Incorrect placement of the belt guide can result in interference with the belt routing and damage to the belt and/or unit.

Remove and discard the two spacing washers located between the top of the idler pulley and the idler arm. See Figure 4.

STEP 10: Reinstall the modified pulley assembly onto the idler arm, while at the same time replacing the existing transmission belt with the transmission belt supplied in this kit. Secure with the nut removed in Step 9, and position the belt guide as shown in Figure 4. Tighten the hardware securely.

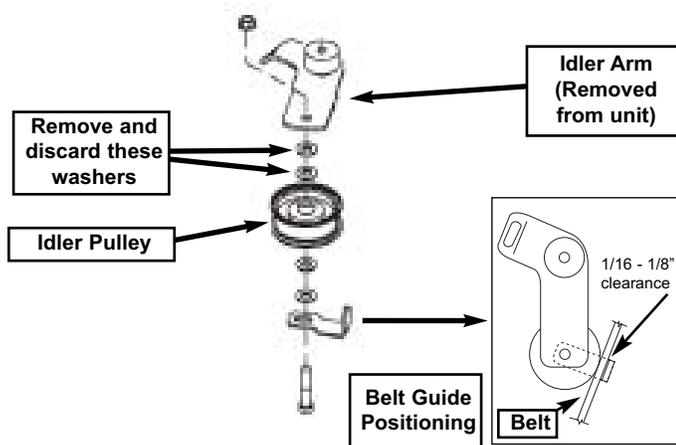


FIGURE 4

STEP 11: Reinstall the idler assembly onto the underside of the unit with the hardware removed in Step 8. Tighten the hardware securely.

STEP 12: Install the new transmission belt onto the two transmission pulleys and the engine pulley, as removed in Step 6.

STEP 13: Replace the forward end of the transmission idler spring onto the shoulder bolt, as removed in Step 5.

STEP 14: Remove the hardware securing the clutch retainer to the unit, and replace the existing clutch retainer with the clutch retainer supplied with this kit, securing it with the existing hardware. See Figure 5. Do not tighten the hardware yet.

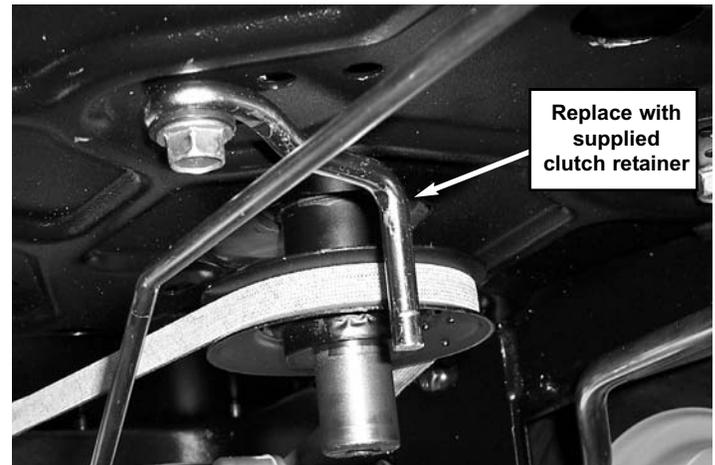


FIGURE 3

STEP 15: Replace the clutch key and the electric clutch removed in Step 4 onto the engine shaft, making sure to insert the clutch retainer into the corresponding slot in the clutch housing. Secure the clutch with the hex head cap screw supplied with this kit, fitted with the washers removed in Step 4. Tighten the hardware, torquing to 45-55 ft. lbs. (61.2-74.8 Nm.).

STEP 16: Tighten the clutch retainer hardware noted in Step 14, torquing to 24-36 ft. lbs. (32.4-48.6 Nm.)

STEP 17: Reconnect the electric clutch harness to the unit's main wiring harness, and secure the clutch harness up against the clutch retainer with the supplied wire tie, as removed in Step 3.

STEP 18: Replace the mowing deck belt removed in Step 1 onto the electric clutch pulley. Refer to the unit's Operator's Manual for instructions.

Assembly is complete.