

Lubrication

ENGINE AND TRANSAXLE (See Figure 26)

Engine: CHECK OIL LEVELS DAILY. Follow the engine manufacturer’s manual for intervals of oil change, oil filter replacement, proper oil types, and fill levels for the engine. Inspect and clean/replace the engine air filter as needed.

Engine Carburetor Linkages and Springs: CLEAN AND LUBRICATE WEEKLY. Clean and remove fertilizer dust from the linkages, governor springs, choke linkage on the carburetor with carb cleaner. Lightly lubricate to protect from rust. Wipe away excess lubrication that will attract and collect dust, dirt and debris.

Transaxle: Check the level of fluid in the transaxle reservoir. Fill only to the “Full Cold” level mark on the reservoir (located very low on reservoir). Use John Deere Hy-Gard transmission oil for the transaxle. Do not overfill.

Transaxle capacity is 179 fluid ounces (5.3 Liter/5.6 quarts). Add extra to allow for filter and hoses (approximately one quart).

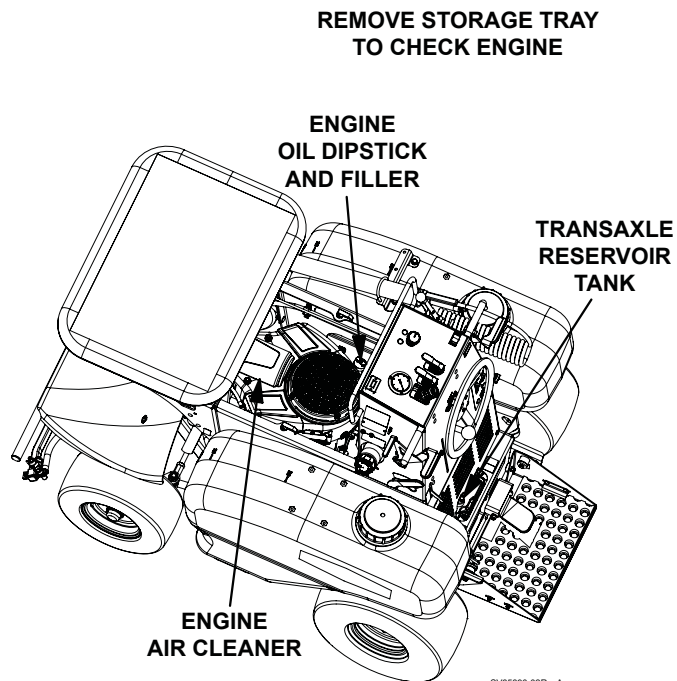


FIGURE 26

SV85890-02RevA

GREASE FITTINGS (See Figure 27)

Grease Fittings: (qty 5) Grease weekly. Wipe away excess lubrication that will attract and collect dust, dirt and debris.

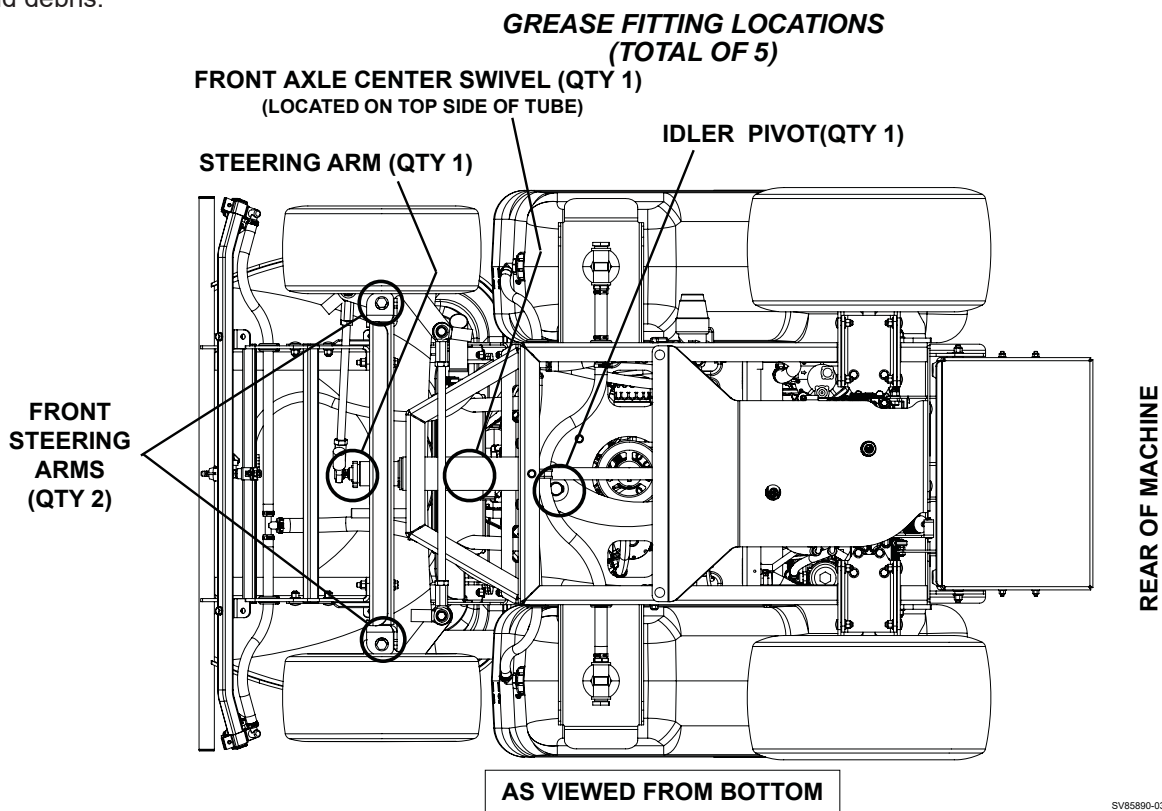


FIGURE 27

SV85890-03

Recommended Service Schedule

WHEN TO PERFORM SERVICE	DAILY	WEEKLY	BREAK-IN PERIOD	PERFORM EVERY			OFFSEASON
				50 HOURS	100 HOURS	400 HOURS	
CLEAN OFF FERTILIZER WITH AIR	X						X
IF NECESSARY WASH WITH WATER		X					X
INSPECT HARDWARE	X						X
GREASE FITTINGS (5)		X					X

ENGINE							
CHECK OIL	X						
CHANGE OIL & FILTER			5 HRS	X			X
CHECK/CLEAN AIR FILTER		X					
CHANGE AIR FILTER					X		X
CLEAN CARB LINKAGE		X					X
CHANGE SPARK PLUG							X

TRANSAXLE							
CHECK FLUID LEVEL	X						
CHANGE FLUID & FILTER			75 HRS			X	X

CHECK TIRE AIR PRESSURE		X					X
CHECK/CLEAN SPRAY NOZZLES		X					X
CLEAN STRAINER		X					X
LUBE HOPPER GATE		X					X
INSPECT V-BELT TENSION		X					X
ADJUST STEERING CHAIN IDLER			25 HRS				X
DRAIN FUEL AND ADD FUEL STABILIZER TO GAS TANK							X
EMPTY WATER AND ADD 2 GALLONS OF RV ANTIFREEZE							X
DISCONNECT BATTERY CABLES							X
CHECK V-BELT FOR WEAR, REPLACE IF NEEDED							X
ADJUST PARKING BRAKE							X
CHANGE FUEL FILTER							X
INSPECT HOSES FOR CRACKS, REPLACE IF NEEDED							X

USE A DRY LUBRICANT ON THE SPREADER HOPPER LINKAGES TO AVOID ATTRACTING A BUILDUP OF FERTILIZER, DUST, DIRT, AND DEBRIS ON THE COMPONENTS.

LOCATION OF SPRAY SYSTEM SHUTOFF VALVE AND STRAINER SCREEN
(See Figure 28)

When the handle on the shutoff valve is rotated down, flow from the tanks is stopped (closed).

Remove the strainer cap to access the screen (filter) for cleaning. The cap on the strainer should only be removed when the shutoff valve is closed.

NOTE: When the strainer cap is removed, some fluid from the pump will be present.

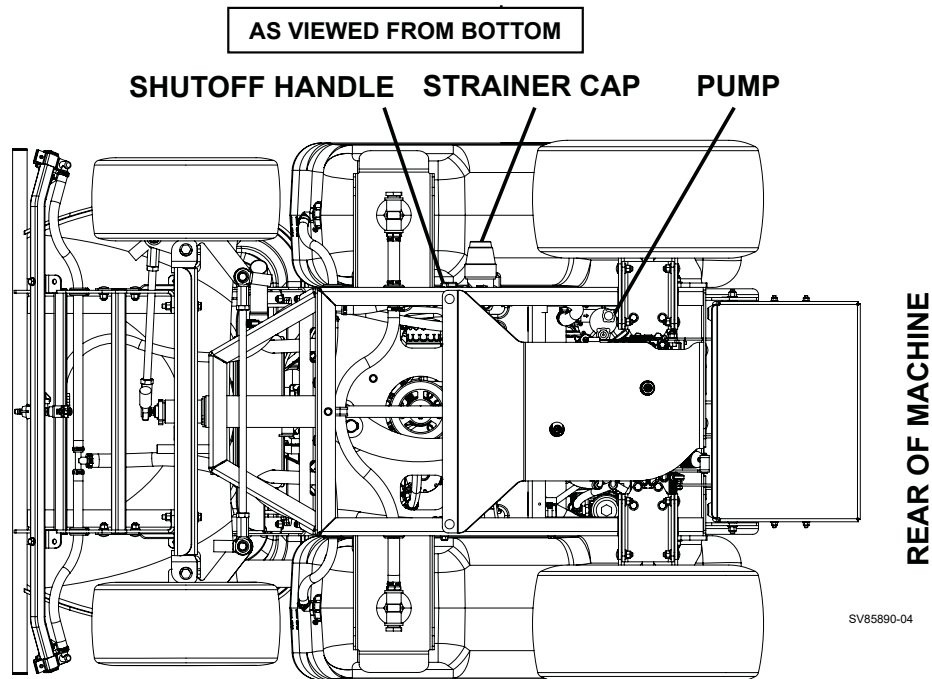


FIGURE 28

ADJUST STEERING CHAIN IDLER SPROCKET
(See Figure 29)

To tighten steering chain, loosen nut on idler sprocket shown.

Rotate steering handle to left to get all the slack in the chain on that sprocket side.

Pull sprocket outward and re-tighten nut.

Chain between idler sprocket should have approximately +/- 1/4" movement.

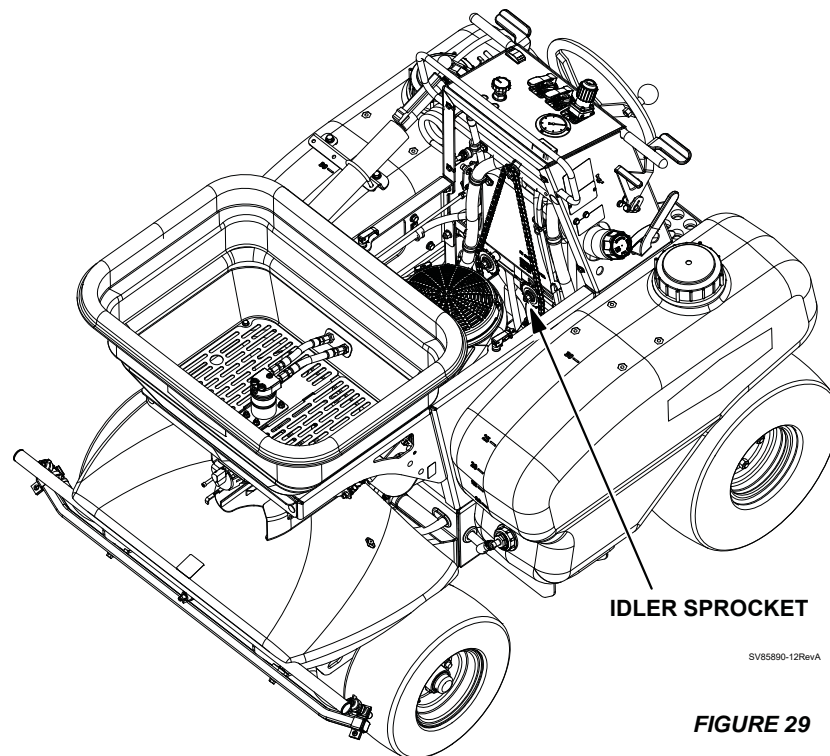


FIGURE 29

V-BELT IDENTIFICATION (See Figure 30)

A. Engine Pulley to Transaxle Pulley - BX-47

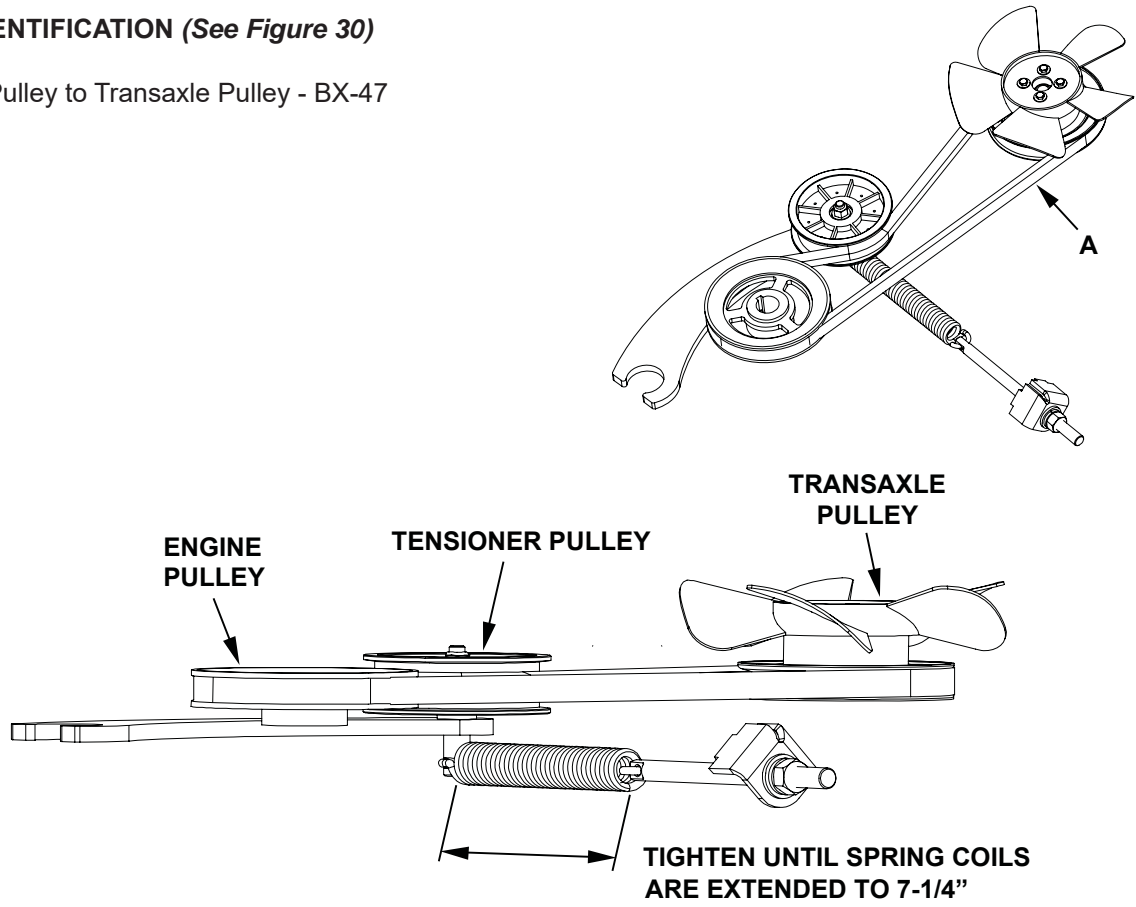


FIGURE 30

SV85890-09