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Figure 1
815-2 Components

1. Conveyor Bed Assembly
2. Hopper Wings
3. Oscillating Push Roller Assembly (Yaw Beam)
4. Transport Tie Down Anchors

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MAINTENANCE AND SERVICE PROCEDURES

Read and thoroughly understand all instructions contained in this section. Paver adjustments and servicing should be performed only by responsible persons who have been properly instructed and delegated to do so. Read and thoroughly understand all instructions contained in this section. Paver adjustments and servicing should be performed only by responsible persons who have been properly instructed and delegated to do so. Read and thoroughly understand all instructions contained in this section. Paver adjustments and servicing should be performed only by responsible persons who have been properly instructed and delegated to do so.

CAUTION: **Before attempting to service, attach or remove any part or assembly on the paver, make certain that all controls and switches are in the "OFF" or "NEUTRAL" position, that the hopper wings are lowered, the screed is down or otherwise secured, and that the engine is shut off unless otherwise instructed.**

Before attempting any service procedures on the paver, remove the ignition key to prevent unexpected starting by other personnel.

Always mount and dismount the paver from the rear, using the walkway, steps and handrails provided. Never dismount paver to the side, or forward.

Never move the machine with the hopper bed lifted in the "UP" or servicing position, this will make the paver heavy on the rear, and very hard to control.

Refuel the paver only when the engine has been shut off. Do not permit sparks, open flames or smoking within 50 feet of paver when refueling. Never refuel paver with screed heaters lit and operating.

CAUTION: **Never allow horseplay near the paver when it is in operation or being serviced.**

Escaping hydraulic fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting any hydraulic lines, be sure to relieve all pressure. Before applying pressure to a system, be sure all connections are tight and that lines, tubes and hoses are not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.

Refill the radiator only when the engine is stopped or idling slowly. This paver has a pressurized cooling system. To avoid being scalded when radiator cap is removed, first turn cap slightly to the stop which allows steam to escape through the overflow pipe. After all pressure is relieved, remove cap.

Never use the wash down system when the screed heaters are lit or operating. Allow screed heaters to cool at least (ten) 10 minutes before attempting to wash down the screed.

Never clean, lubricate or service the paver when it is running.

WARNING: **Never attempt to service or enter under the elevated hopper bed unless the safety prop is in place and secured. SERIOUS PERSONAL INJURY OR DEATH COULD RESULT!**

Do not allow smoking or use open flame when checking the electrolyte

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SYMBOLS USED IN THIS MANUAL

The following symbols have been used in this manual to help communicate the intent of the instructions. When one of these symbols appears, it conveys the meaning as defined in the following descriptions:

DANGER:



Serious personal injury, death and/ or extensive property damage can result if the DANGER instructions are not followed.

WARNING:



Serious personal injury and/or extensive property damage can result if the WARNING instructions are not followed.

CAUTION:



Minor personal injury can result, or a part, an assembly, or the engine can be damaged if the CAUTION instructions are not followed.

NOTE: **Gives additional information, and/or clarification details, which are used in conjunction with previously presented information.**

CALIFORNIA
Proposition 65
Diesel Exhaust Warning

WARNING: Diesel engine exhaust and some of its constituents are known to the state of California to cause cancer, birth defects and other reproductive harm.

CALIFORNIA
Proposition 65
Battery Warning

WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

Wash hands after handling.

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Figure 5
815-2 Components

26. Shroud Assembly
27. Operators Seat

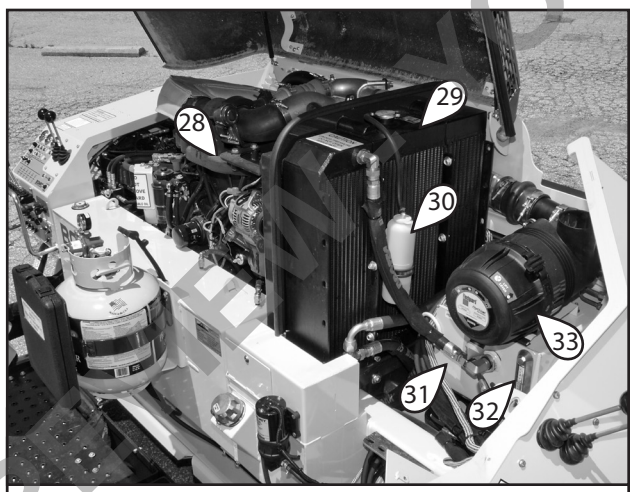


Figure 6
815-2 Components

28. Engine (Power Unit Assembly)
29. Radiator
30. Recovery Tank
31. Hydraulic Reservoir
32. Hydraulic Reservoir Gauge
33. Air Filter

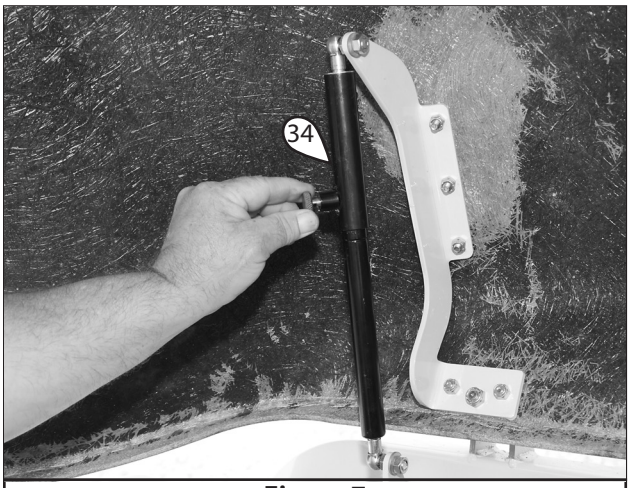


Figure 7
815-2 Components

34. Shroud Prop Assembly

NOTE: Release the shroud prop by pulling out the the shroud release pin while supporting the shroud in position with your other hand.

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CONVEYOR ADJUSTMENT

To maintain maximum performance of your paver, and for longest life is very important to keep the conveyor properly adjusted.

CAUTION: **Before attempting any service procedures on the paver, remove the ignition key to prevent unexpected starting by other personnel.**

Never attempt to service or enter under the elevated hopper bed unless the safety prop is in place and secured. Serious personal injury or death could result!

Adjusting the conveyor: Remove the wing locking pins, fold out the wings, raise the hopper conveyor bed assembly, and install the safety prop. Loosen the four 1/2 inch hex nuts on the left conveyor idler assembly (Fig. 42 & 43). Loosen the four 3/4 hex jam nuts on the chain tension bolts, and rotate the bolts clockwise to tighten the conveyor chain. (**Important:** Adjust both tension bolts evenly to maintain proper conveyor chain alignment.) Leave approx. 1/2 inch slack in the chain assembly to accommodate any misalignment. Do not over tension the conveyor chain, premature wear may result. Retighten the four 3/4 hex jam nuts, and then the four 1/2 inch hex nuts on the idler assembly. Repeat the previous steps to adjust the right conveyor chain assembly.

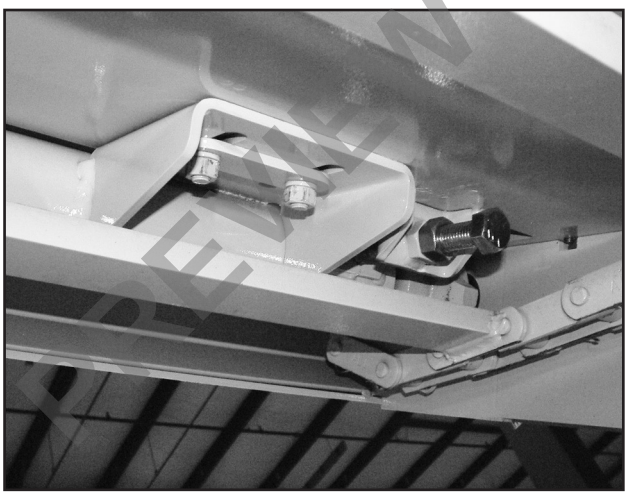


Figure 4-3 Track Idler Adjustment Close

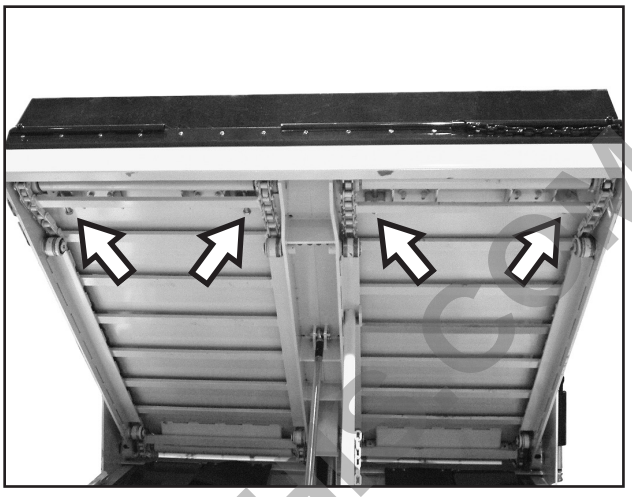


Figure 4-4 Track Idler Adjustment

MAINTENANCE AND SERVICE PROCEDURES

To keep your new paver properly lubricated for maximum performance and optimum life of its components. There are thirty-six (36) grease zerks on the paver, twenty (20) of which are located under the hopper bed assembly. There are six (6) zerks located above the hopper bed assembly, and ten (10) zerks located on the screed assembly.

CAUTION: **Before attempting any service procedures on the paver, remove the ignition key to prevent unexpected starting by other personnel.**

Never clean, lubricate or service the paver when it is running.

DANGER: **Never attempt to service or enter under the elevated hopper bed unless the safety prop is in place and secured. SERIOUS PERSONAL INJURY OR DEATH COULD RESULT!**

Recommended lubrication schedule is as follows:

HOPPER FRAME ASSEMBLY IN DOWN POSITION

1. Hopper Mounted Auger Bearings 2 each Weekly or 50 hours (Fig. 4-16)
2. Screed Arm Pivots 2 each daily or 10 hours (Fig. 4-5)

HOPPER BED IN RAISED POSITION

3. Conveyor Idlers 8 each Weekly or 50 hours (Fig. 4-7)

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