

[Perkins 700 Series Diesel Engines Workshop Service Repair Manual](#)



Do not operate the engine if a safety guard has been removed. Do not remove the filler cap or any component of the cooling system while the engine is hot and while the coolant is under pressure, because dangerous hot coolant can be discharged. Do not allow sparks or fire near the batteries (especially when the batteries are on charge) because the gases from the electrolyte are highly flammable. The battery fluid is dangerous to the skin and especially to the eyes. Disconnect the battery terminals before a repair is made to the electrical system. Only one person must control the engine. Ensure that the engine is operated only from the control panel or from the operator's position. If your skin comes into contact with high-pressure fuel, obtain medical assistance immediately. Diesel fuel and lubricating oil (especially used lubricating oil) can damage the skin of certain persons. Protect your hands with gloves or a special solution to protect the skin. Do not wear clothing that is contaminated by lubricating oil. Do not put material that is contaminated with oil into the pockets. Discard used lubricating oil in accordance with local regulations to prevent contamination. Ensure that the control lever of the transmission drive is in the "out-of-drive" position before the engine is started. Use extreme care if emergency repairs must be made in adverse conditions. The combustible material of some components of the engine (for example certain seals) can become extremely dangerous if it is burned. Never allow this burnt material to come into contact with the skin or with the eyes. Refer to "Viton seals" on page 8. Read and use the instructions relevant to "Engine lift equipment" on page 9. Always use a safety cage to protect the operator when a component is to be pressure tested in a container of water. Fit safety wires to secure the plugs that seal the hose connections of a component that is to be pressure tested. Do not allow compressed air to contact your skin. If compressed air enters your skin, obtain medical help immediately.