T190
TURBO

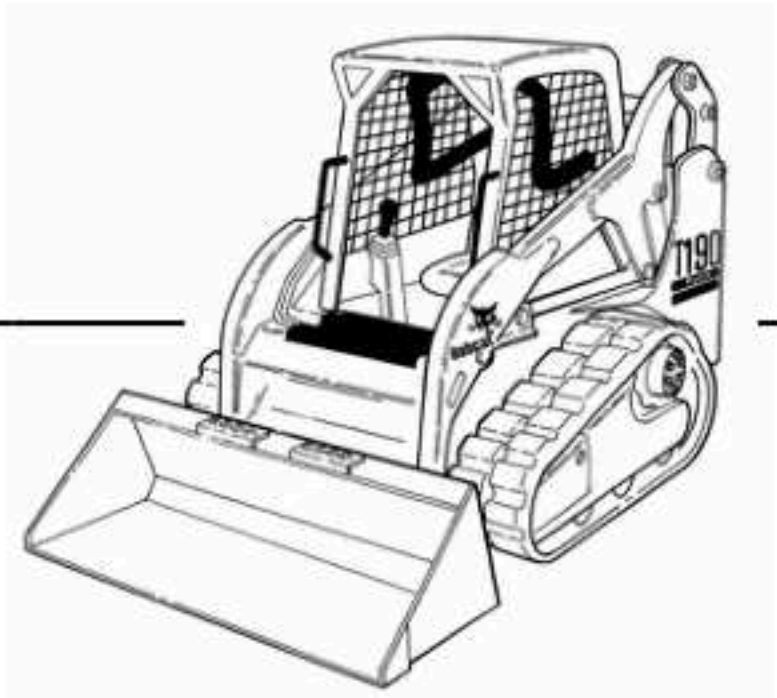
T190
TURBO
HIGH FLOW

Bobcat®

Service Manual

G Series

(S/N 519311001 & Above)
(S/N 519411001 & Above)



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)

6901117 (2-06)

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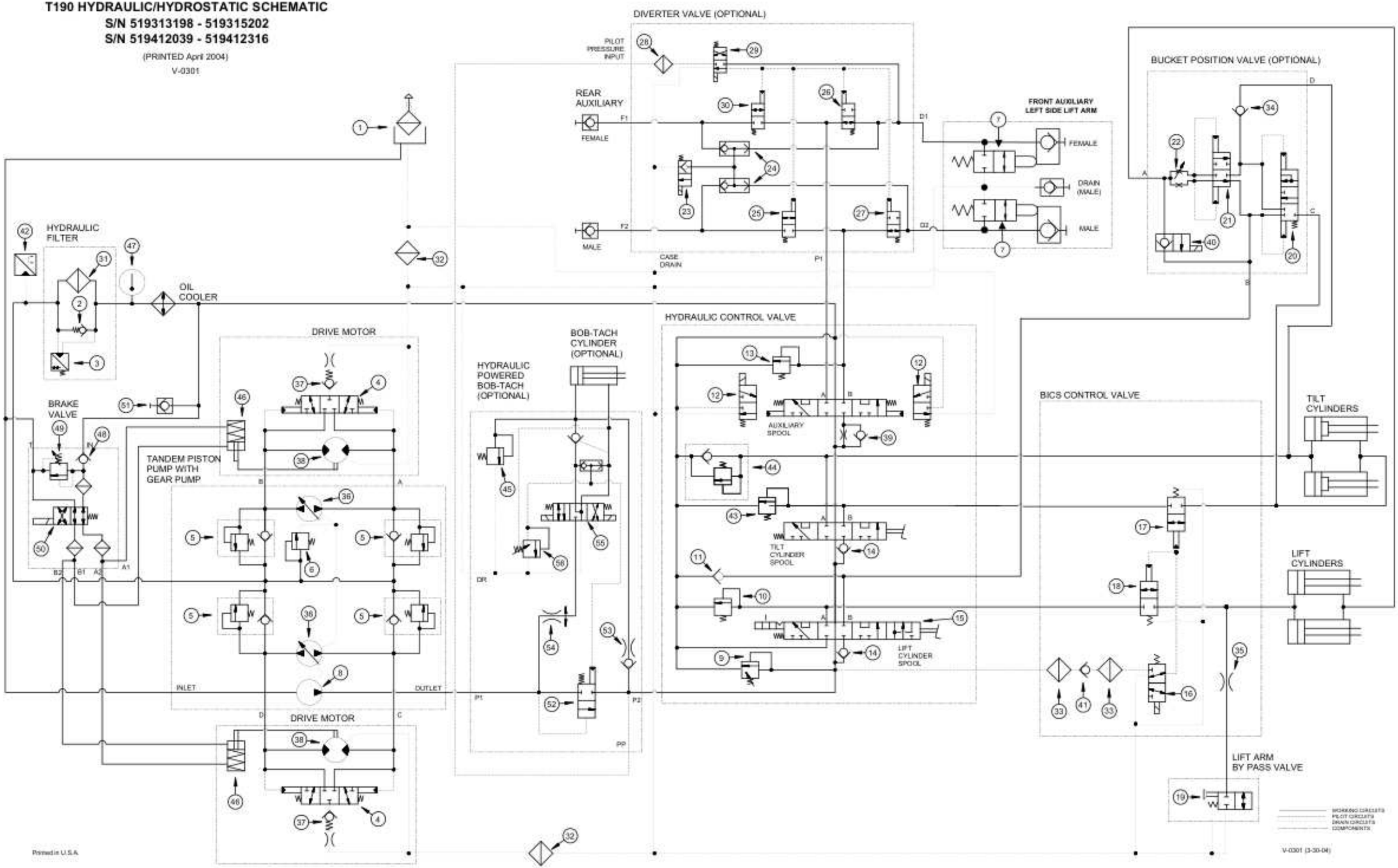
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T190 HYDRAULIC/HYDROSTATIC SCHEMATIC
S/N 519313198 - 519315202
S/N 519412039 - 519412316

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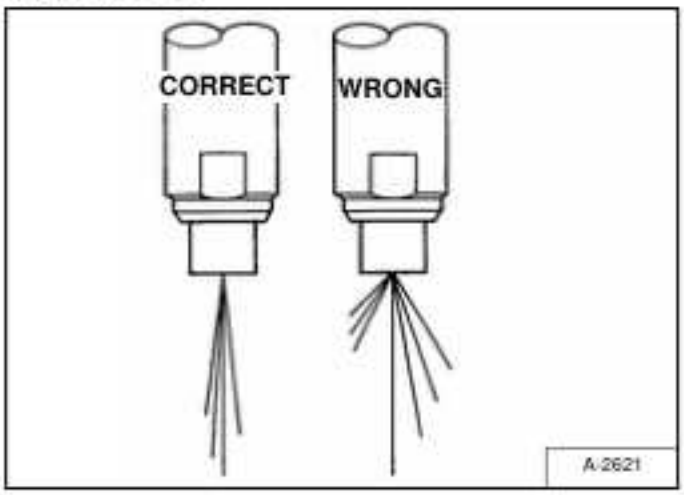
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Fuel Injector Checking

Figure 70-70-38



The tool listed will be needed to do the following procedure:

OEM1064 - Injector Nozzle Tester

Check for inside leakage. Operate the hand lever until the pressure is 1850 PSI (12755 kPa). Keep the nozzle under this pressure for 10 seconds, then check to see if fuel leaks from the nozzle. If fuel leaks, replace the nozzle.

Check that the spray pattern is correct **[Figure 70-70-38]**:

1. Fuel does not come out the side of the nozzle.
2. Drops of fuel are not present at the nozzle.
3. The injector has an even flow coming from the nozzle.

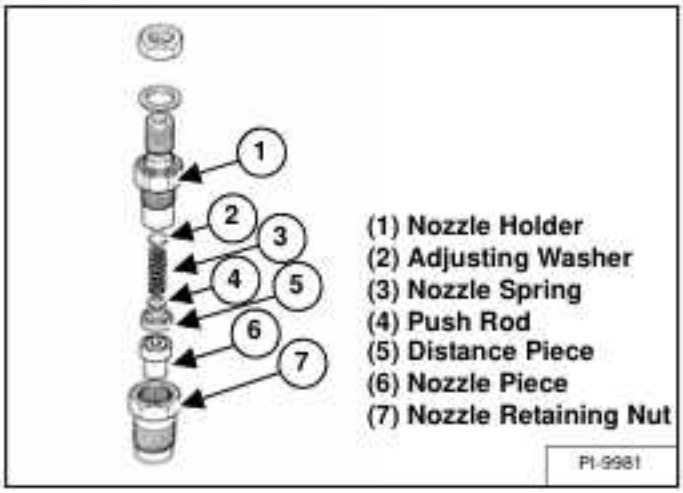
IMPORTANT

Do not disassemble or test the fuel injector nozzles unless you have the correct service and testing tools.

I-2027-0284

Fuel Injector Disassembly

Figure 70-70-39



Disassemble and clean the injector nozzle.

The nozzle release pressure can be adjusted by adding or removing spacer(s) (Item 2) **[Figure 70-70-39]** from the top of the nozzle spring (Item 3) **[Figure 70-70-39]**.

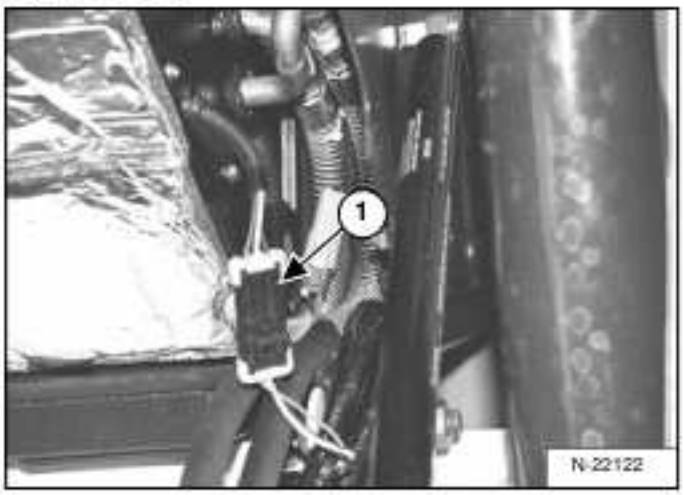
Each spacer will change the release pressure by about 142 PSI (980 kPa).

Fuel Injection Pressure . . . . . 1991-2133 PSI (13728-14707 kPa)

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Cleaning The A/C Evaporator Coil & Heater Coil

Figure 80-50-3

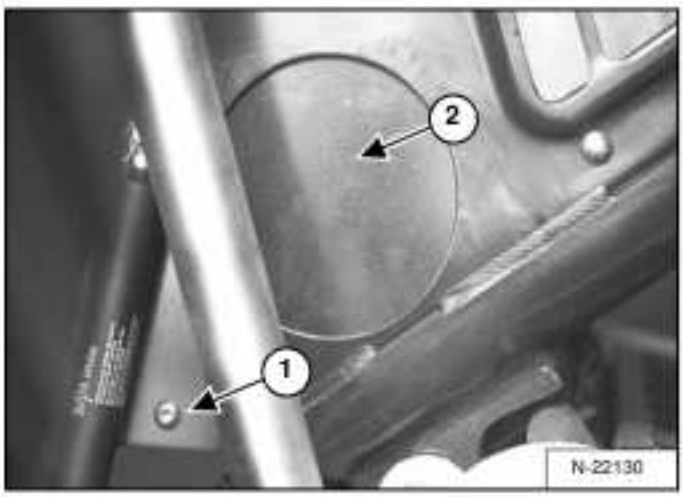


Raise the lift arms and install an approved lift arm support device. (See Installing Lift Arm Support Device on Page 10-20-1.)

Raise the operator cab. (See Raising The Operator Cab on Page 10-30-1.)

At the rear of the cab, disconnect the thermostat wiring connector (Item 1) **[Figure 80-50-3]**.

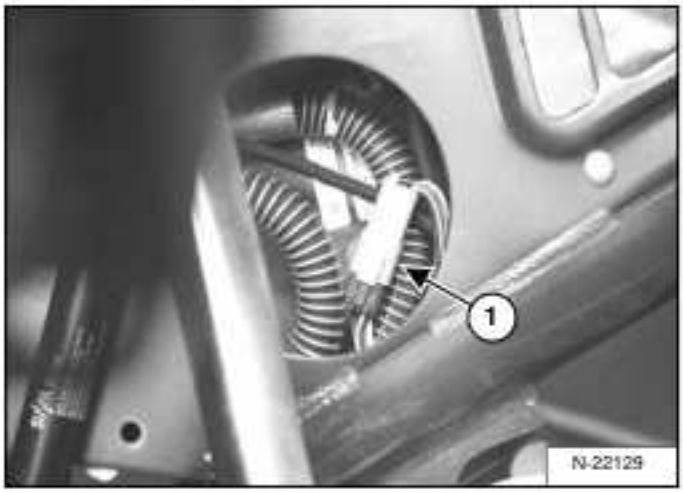
Figure 80-50-4



Remove the mount bolt (Item 1) **[Figure 80-50-4]** from the left side cab access cover.

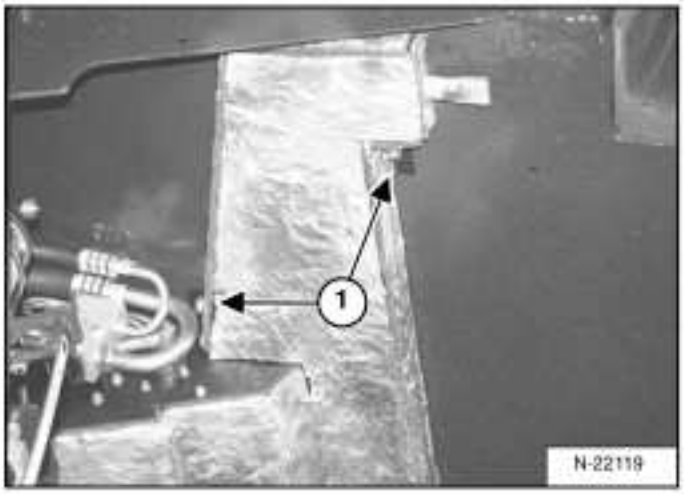
Remove the access cover (Item 2) **[Figure 80-50-4]** from the loader.

Figure 80-50-5



Disconnect the blower fan wiring connector (Item 1) **[Figure 80-50-5]** from the loader wiring harness.

Figure 80-50-6

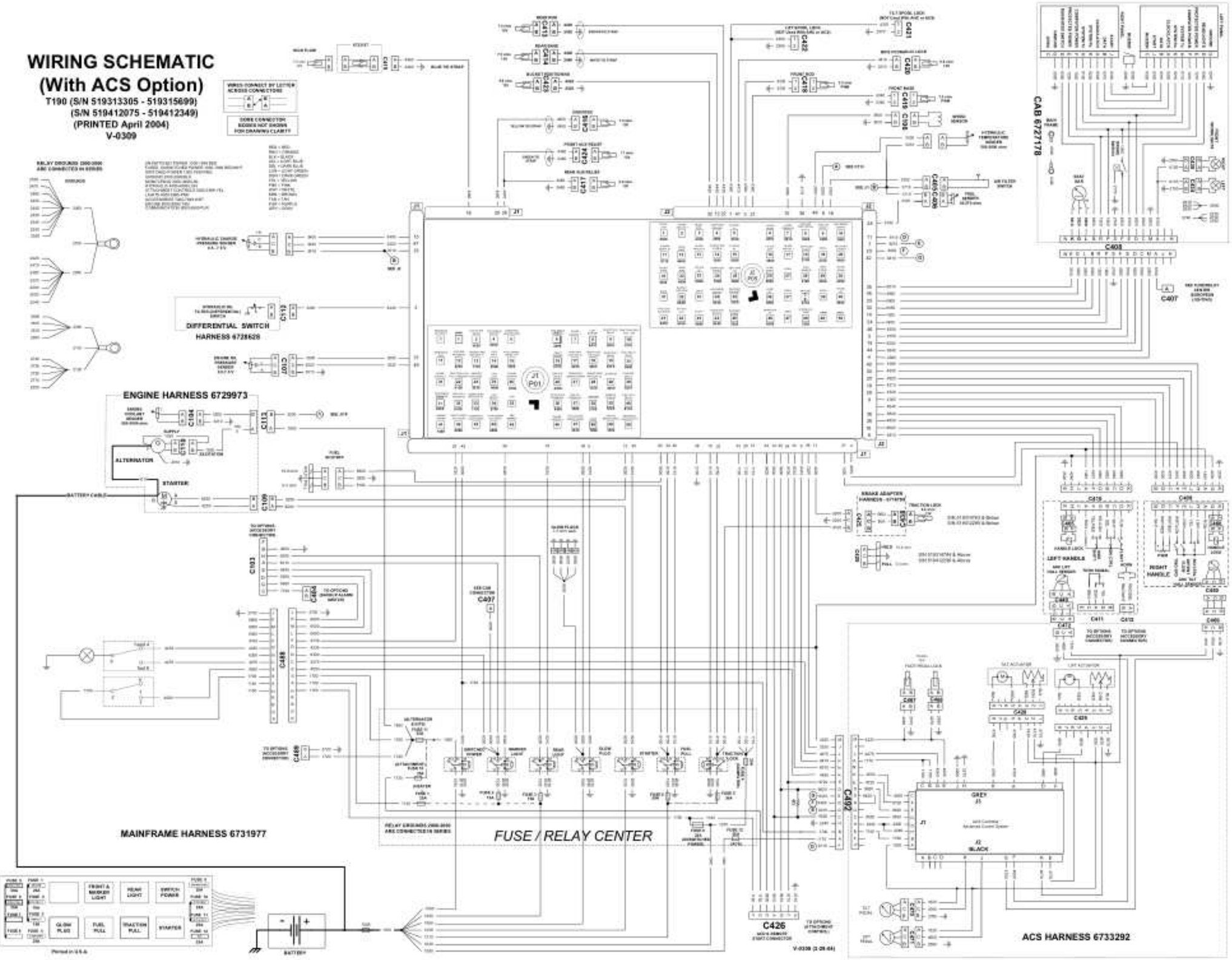


Remove the two mounting nuts (Item 1) **[Figure 80-50-6]**.

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WIRING SCHEMATIC
(With ACS Option)

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(S/N 519412075 - 519412349)
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