

# FS Series Heads

## Swing to Tree Disc Saw Heads

S/N WCFS20X003001 –

S/N WCFS22X002001 –

S/N WCFS24X004001 –

### TECHNICAL MANUAL FS Series Disc Saw Heads TMF382053 (JULY01)

**CALIFORNIA  
Proposition 65 Warning**

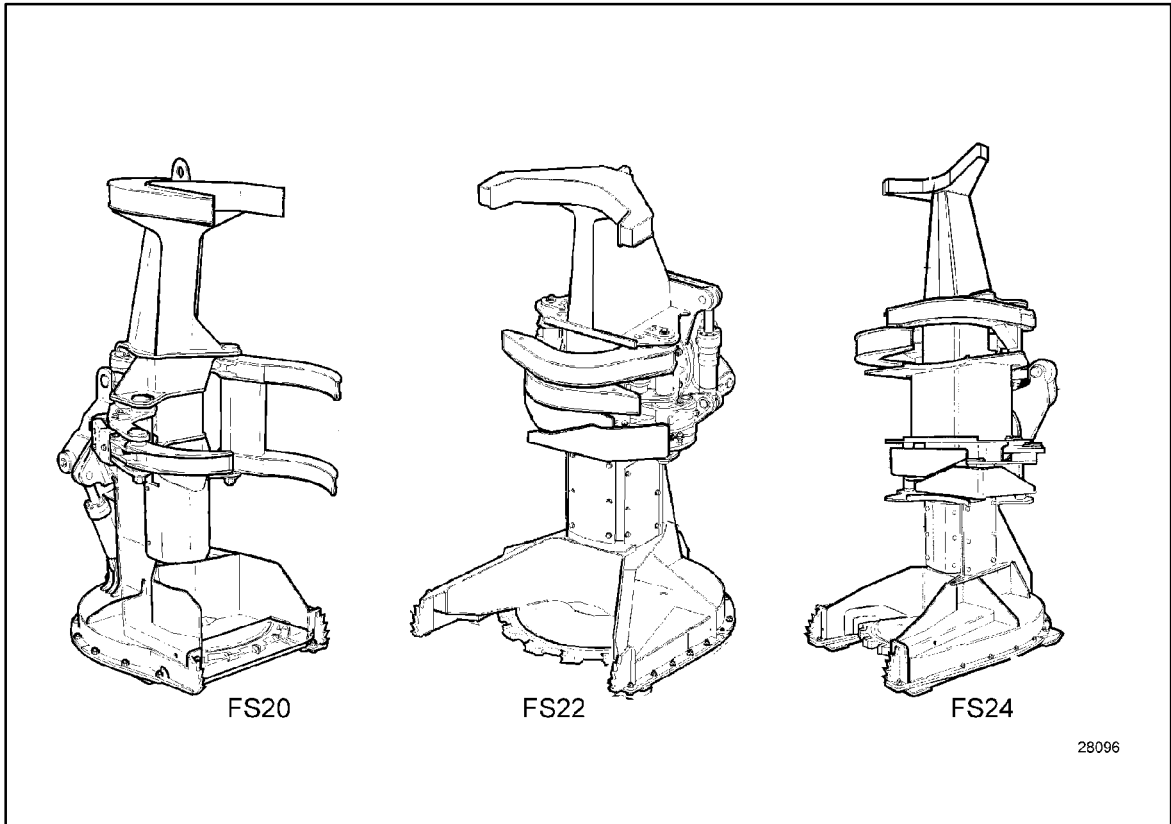
**Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.**



**WARNING**

**The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.**

# Workshop Manual



## Swing to Tree Disc Saw Felling Heads

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# 7400 Introduction

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## **1.1 Introduction**

### **1.1.1 General**

The Workshop Manual is intended to provide technical information, component specifications, troubleshooting and removal, disassembly and reassembly procedures for most of the major components of the felling head. Use this manual in conjunction with the applicable Operator/Maintenance Manual and the applicable Carrier Workshop Manuals.

When practical, the Workshop Manual lists likely causes of malfunctions, offers test procedures to verify causes and then illustrates the steps for the adjustment or repair procedure(s).

Troubleshooting must always be a multi-step process. Use the following steps:

1. Know the operation of all machine systems.
2. Ask the operator about symptoms and when they occur.
3. Operate the machine yourself if practical.
4. List all possible causes.
5. Inspect for obvious causes.
6. Eliminate the simple ones by checking oil, changing filters, etc.
7. Carry out diagnostic procedures like pressure and leakage testing to pinpoint the cause.

Component specifications provide performance and mode of operation information that can be very useful in troubleshooting.

Disassembly and reassembly procedures are given for many major components. When possible, clearance and torques are given. If a manufacturer's workshop manual is available, it should be given priority.

Reference to special equipment for testing and repair is limited, as most repair shops or local machine shops are well equipped to fabricate on an as-needed basis to reduce downtime.

### **1.1.2 Models Covered By This Manual**

Technical information, component specifications, troubleshooting, removal, disassembly and reassembly procedures for the following model felling heads are covered in this manual:

1. FS20 (Swing to Tree)
2. FS22 (Swing to Tree)
3. FS24 (Swing to Tree)

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