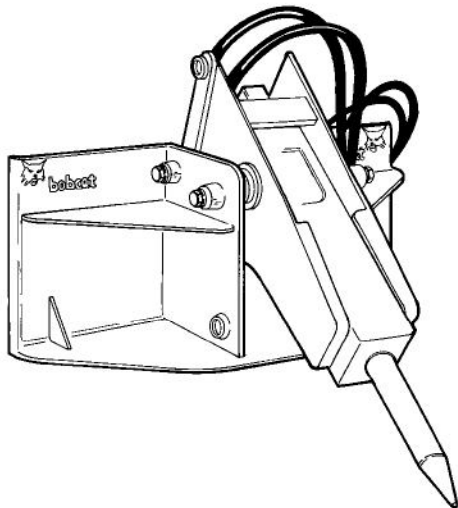


Hydraulic Breaker



Bobcat® Service Manual

1250 (S/N 157000101 AND ABOVE)
1250X (S/N 157800101 AND ABOVE)
1560 (S/N 702000101 AND ABOVE)
2500 (S/N 229800101 AND ABOVE,
S/N 693200101 AND ABOVE,
S/N 705200101 AND ABOVE,
S/N 780900101 AND ABOVE,
S/N 896708001 AND ABOVE)
2560 (S/N 617900101 AND ABOVE)
2570 S/N 573306139 AND ABOVE)
3500 (S/N 006500101 AND ABOVE,
S/N 705400101 AND ABOVE,
S/N 897200101 AND ABOVE)
3560 (S/N 615800101 AND ABOVE)
3570 (S/N 573500878 AND ABOVE)
5060 (S/N 754400101 AND ABOVE)
(S/N 754600101 AND ABOVE)
5500 (S/N 154700101 AND ABOVE)
6560 (S/N 166500101 AND ABOVE,
S/N 472900101 AND ABOVE)



Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Bobcat Company or the products of either.



Printed in U.S.A.

© Bobcat Company 2006

6720280 (6-12)

MAINTENANCE SAFETY



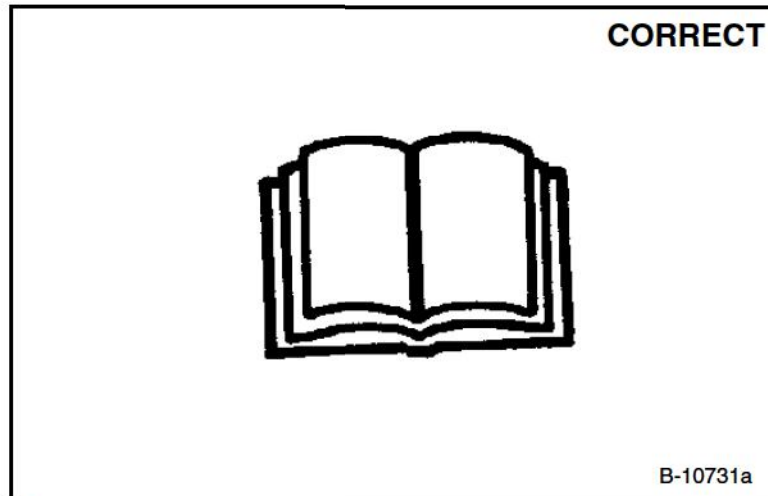
WARNING









Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0903



Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.



-  Never service attachments without instructions. See Operation & Maintenance Manual and Attachment Service Manual.
-  Cleaning and maintenance are required daily.
-  Never service or adjust attachment with the engine running unless instructed to do so in manual.
-  Always lower the attachment to the ground before lubricating or servicing.
-  Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate skin or eyes.
-  Stop, cool and clean engine of flammable materials before checking fluids.
-  Keep body, loose objects and clothing away from moving parts, electrical contacts, hot parts and exhaust.
-  Safety glasses are needed for eye protection from electrical arcs, battery acid, compressed springs, fluids under pressure and flying debris or when tools are used. Use eye protection approved for type of welding.

ALPHABETICAL INDEX

1250, 1250X HYDRAULIC BREAKER SERVICE	
ACCUMULATOR	10-01
ASSEMBLY	10-01
DISASSEMBLY	10-01
PARTS IDENTIFICATION	10-01
SPECIFICATIONS	10-01
TROUBLESHOOTING THE HYDRAULIC BREAKER.	10-01
1560 HYDRAULIC BREAKER SERVICE	
CHECKING MOUNTING BOLT TORQUE.	20-01
HYDRAULIC BREAKER LUBRICATION	20-01
NITROGEN CHAMBER.	20-01
PARTS IDENTIFICATION	20-01
SPECIFICATIONS	20-01
TROUBLESHOOTING THE HYDRAULIC BREAKER.	20-01
2500/3500 HYDRAULIC BREAKER SERVICE	
CHECKING MOUNTING BOLT TORQUE.	30-01
DISASSEMBLY AND ASSEMBLY	30-01
HYDRAULIC BREAKER LUBRICATION	30-01
NITROGEN CHAMBER.	30-01
PARTS IDENTIFICATION	30-01
SPECIFICATIONS (2500)	30-01
SPECIFICATIONS (3500)	30-01
TROUBLESHOOTING THE HYDRAULIC BREAKER.	30-01
2560/3560 HYDRAULIC BREAKER SERVICE	
DISASSEMBLY AND ASSEMBLY	40-01
NITROGEN CHAMBER.	40-01
PARTS IDENTIFICATION	40-01
SPECIFICATIONS	40-01
TROUBLESHOOTING THE HYDRAULIC BREAKER.	40-01
2570/3570 HYDRAULIC BREAKER SERVICE	
CHECKING MOUNTING BOLT TORQUE.	50-01
DISASSEMBLY AND ASSEMBLY	50-01
HYDRAULIC BREAKER LUBRICATION	50-01
NITROGEN CHAMBER.	50-01
PARTS IDENTIFICATION	50-01
SPECIFICATIONS	50-01
TROUBLESHOOTING THE HYDRAULIC BREAKER.	50-01

CONTINUED ON NEXT PAGE

Dealer Copy -- Not for Resale

ALPHABETICAL INDEX (CONT'D)

5060 HYDRAULIC BREAKER SERVICE	
BOB-TACH INSPECTION	60-01
DAILY INSPECTION	60-01
DISASSEMBLY AND ASSEMBLY	60-01
HYDRAULIC BREAKER LUBRICATION	60-01
HYDRAULIC BREAKER MOUNT INSPECTION	60-01
LOADER MOUNT REMOVAL AND INSTALLATION	60-01
NITROGEN CHAMBER	60-01
PARTS IDENTIFICATION	60-01
SPECIFICATIONS	60-01
TOOL BIT REMOVAL AND INSTALLATION	60-01
TROUBLESHOOTING	60-01
5500 HYDRAULIC BREAKER SERVICE	
CHECKING MOUNTING BOLT TORQUE	70-01
HYDRAULIC BREAKER LUBRICATION	70-01
NITROGEN CHAMBER	70-01
PARTS IDENTIFICATION	70-01
SPECIFICATIONS	70-01
TROUBLESHOOTING THE HYDRAULIC BREAKER	70-01
6560 HYDRAULIC BREAKER SERVICE	
CHECKING MOUNTING BOLT TORQUE	80-01
HYDRAULIC BREAKER LUBRICATION	80-01
NITROGEN CHAMBER	80-01
PARTS IDENTIFICATION	80-01
SPECIFICATIONS	80-01
TROUBLESHOOTING THE HYDRAULIC BREAKER	80-01

Dealer Copy -- Not for Resale

CONTENTS

SERIAL NUMBER LOCATIONS & HYDRAULIC BREAKER IDENTIFICATION III

1250, 1250X HYDRAULIC BREAKER SERVICE 10-01

1560 HYDRAULIC BREAKER SERVICE 20-01

2500/3500 HYDRAULIC BREAKER SERVICE..... 30-01

2560/3560 HYDRAULIC BREAKER SERVICE..... 40-01

2570/3570 HYDRAULIC BREAKER SERVICE..... 50-01

5060 HYDRAULIC BREAKER SERVICE 60-01

5500 HYDRAULIC BREAKER SERVICE 70-01

6560 HYDRAULIC BREAKER SERVICE 80-01

**1250, 1250X
HYDRAULIC
BREAKER SERVICE**

**1560
HYDRAULIC
BREAKER SERVICE**

**2500/3500
HYDRAULIC
BREAKER SERVICE**

**2560/3560
HYDRAULIC
BREAKER SERVICE**

**2570/3570
HYDRAULIC
BREAKER SERVICE**

**5060
HYDRAULIC
BREAKER SERVICE**

**5500
HYDRAULIC
BREAKER SERVICE**

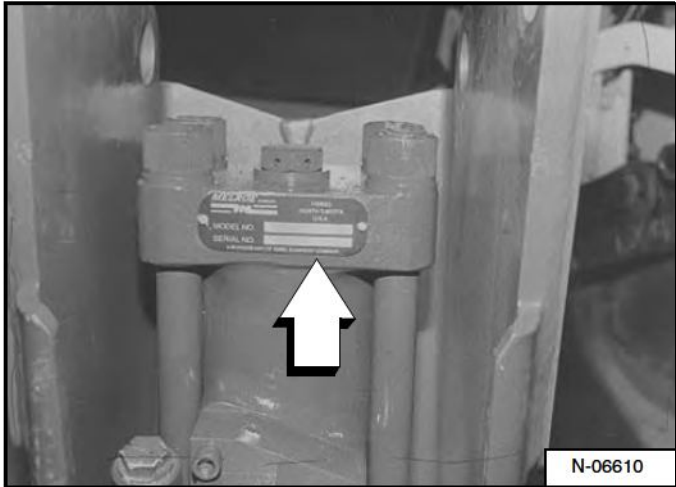
**6560
HYDRAULIC
BREAKER SERVICE**

**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.

SERIAL NUMBER LOCATIONS & HYDRAULIC BREAKER IDENTIFICATION

Serial Number Locations (1250, 1250X)

Figure 1

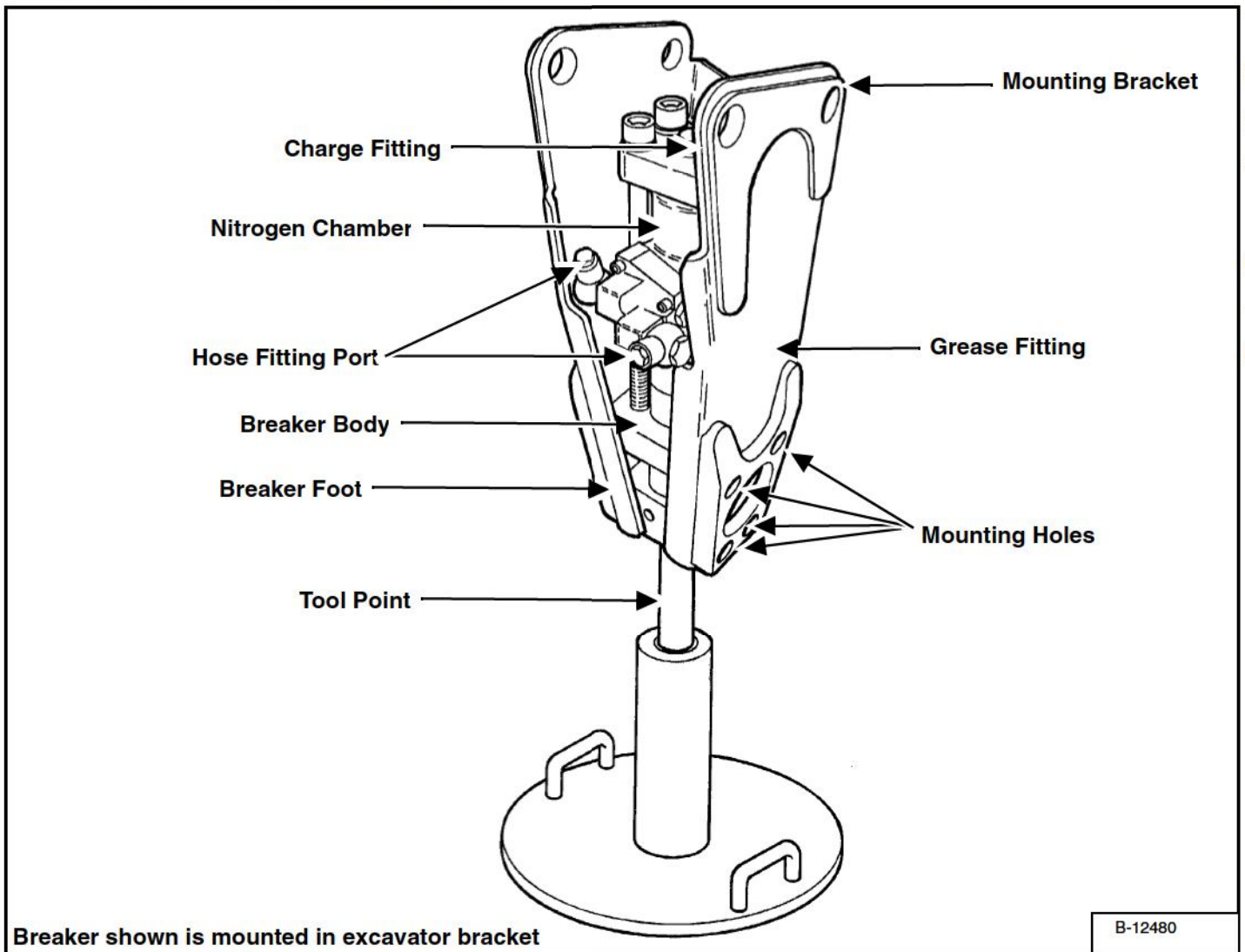


Always use the serial number of the machine when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 1].

The breaker serial number plate is on the front of the main body [Figure 1].

There are 2 different breakers. Be sure to use the correct breaker on the correct machine. The 1250X Breaker is for excavators. The 1250 Breaker is for Bobcat Loaders and loader mounted backhoes.

Hydraulic Breaker Identification (1250, 1250X)



Breaker shown is mounted in excavator bracket

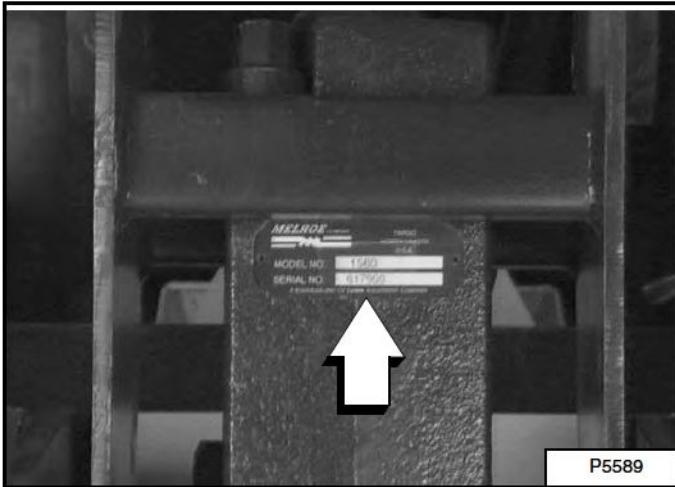
B-12480

Dealer Copy -- Not for Resale

SERIAL NUMBER LOCATIONS & HYDRAULIC BREAKER IDENTIFICATION (CONT'D)

Serial Number Locations (1560)

Figure 2



Always use the serial number of the machine when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 2].

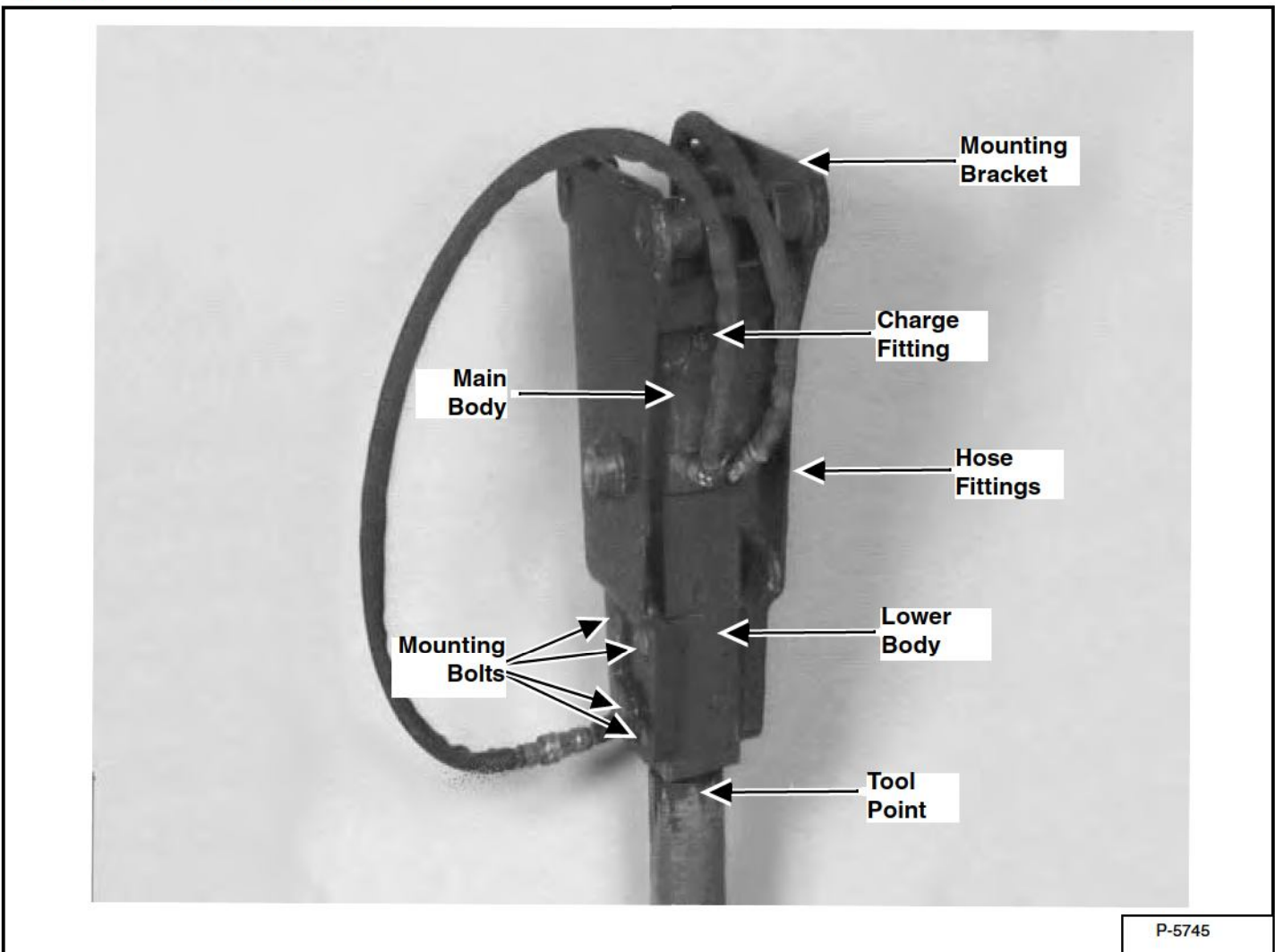
The 1560 Hydraulic Breaker is approved for the following machines:

Oil cooler equipped 400 Series and 500 Series loaders

Oil cooler equipped 220 & 225 excavators

All 453 & 553 Bobcat Loaders and 320 & 325 excavators

Hydraulic Breaker Identification (1560)

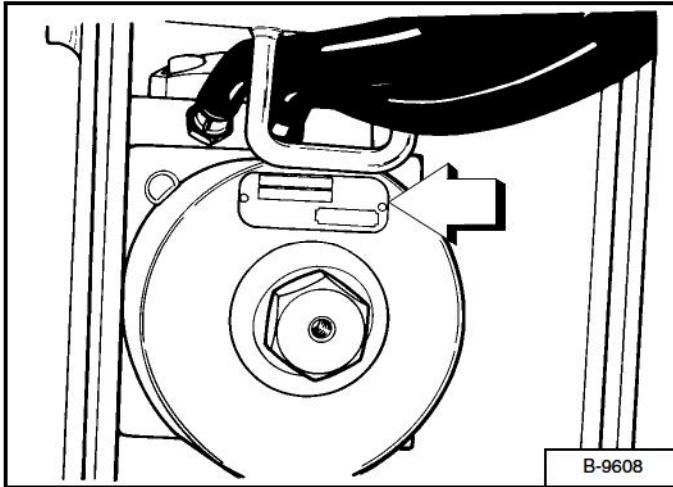


Dealer Copy -- Not for Resale

SERIAL NUMBER LOCATIONS & HYDRAULIC BREAKER IDENTIFICATION (CONT'D)

Serial Number Locations (2500/3500 & 5500)

Figure 3



Always use the serial number of the machine when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 3].

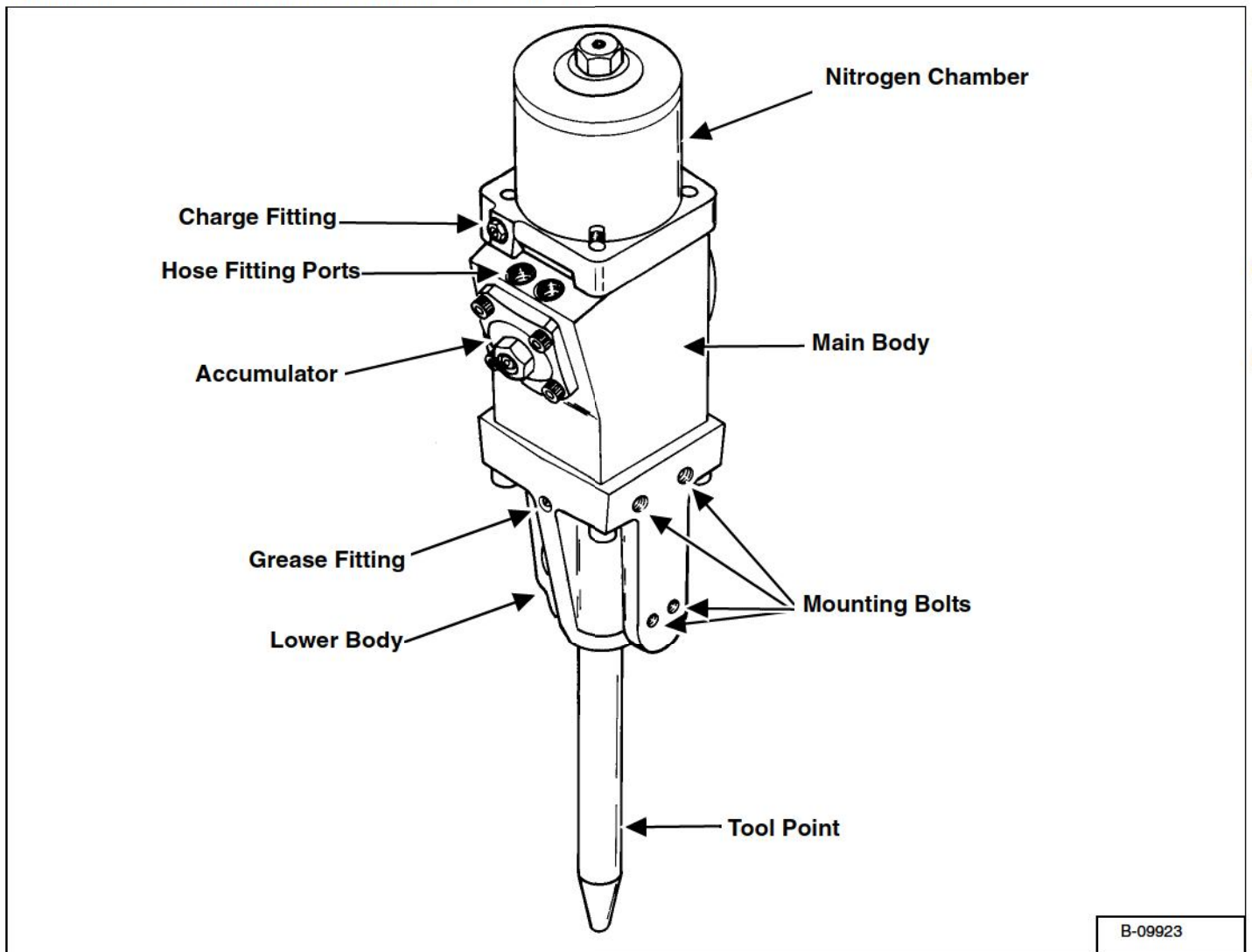
The 1560 Hydraulic Breaker is approved for the following machines:

Oil cooler equipped 400 Series and 500 Series loaders

Oil cooler equipped 220 & 225 excavators

All 453 & 553 Bobcat Loaders and 320 & 325 excavators

Hydraulic Breaker Identification (2500/3500 & 5500)

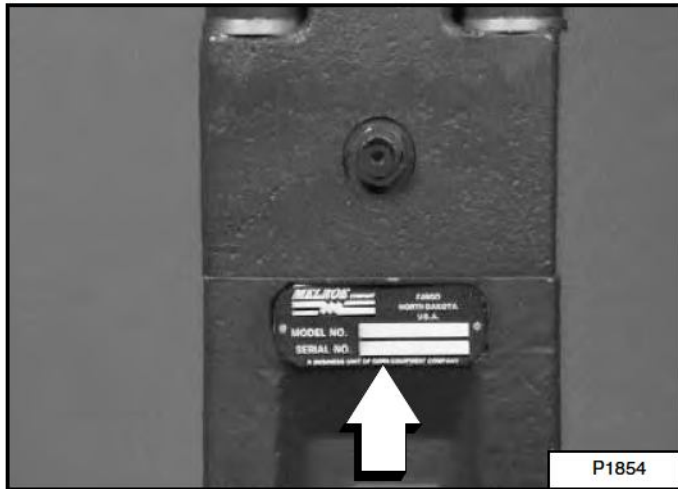


Dealer Copy -- Not for Resale

SERIAL NUMBER LOCATIONS & HYDRAULIC BREAKER IDENTIFICATION (CONT'D)

Serial Number Locations (2560/3560)

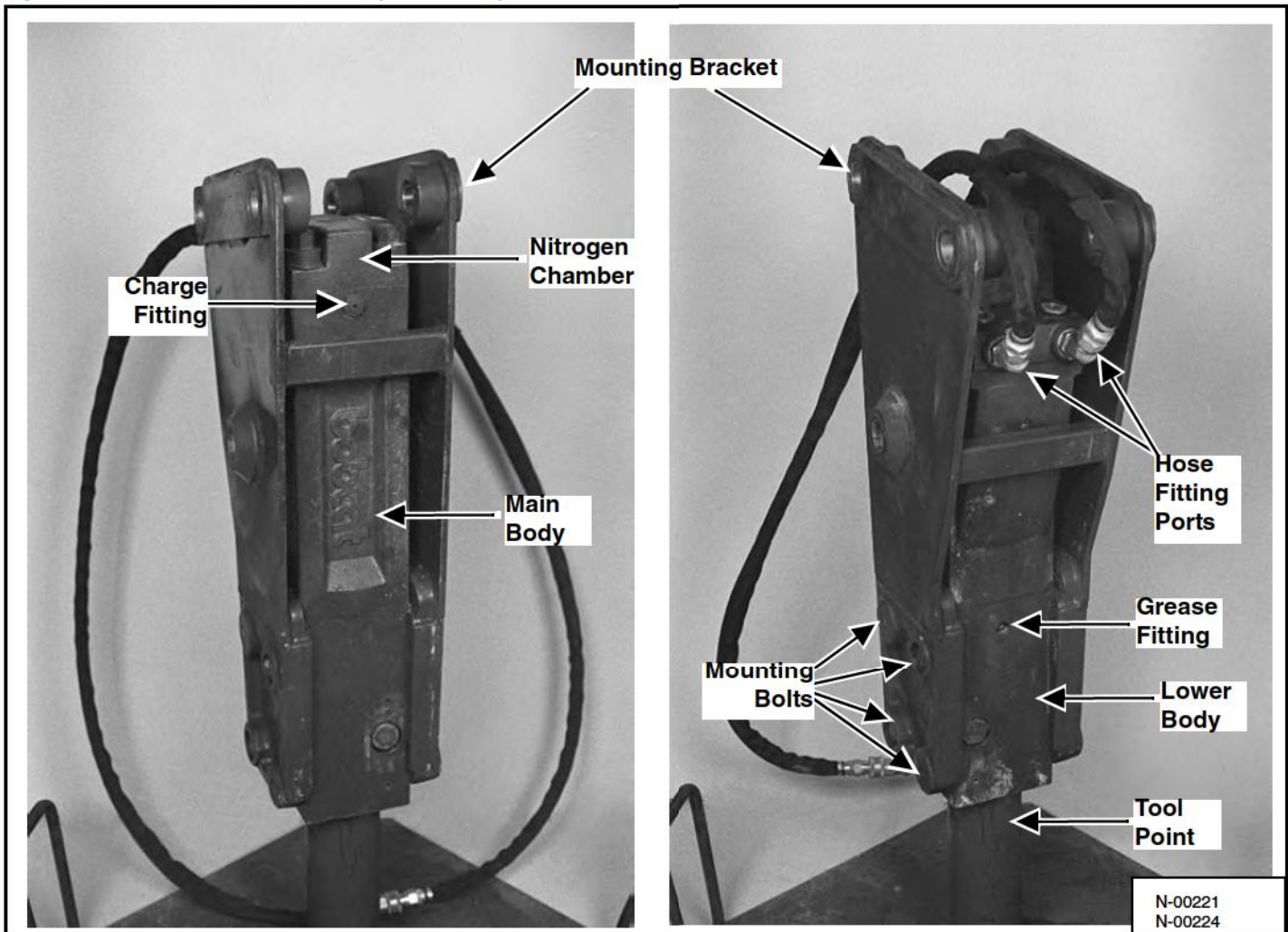
Figure 4



Always use the serial number of the machine when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 4].

The breaker serial number plate is located on the front of the nitrogen chamber [Figure 4].

Hydraulic Breaker Identification (2560/3560)



Dealer Copy -- Not for Resale

Buy Now



Our support email:

ebooklibonline@outlook.com