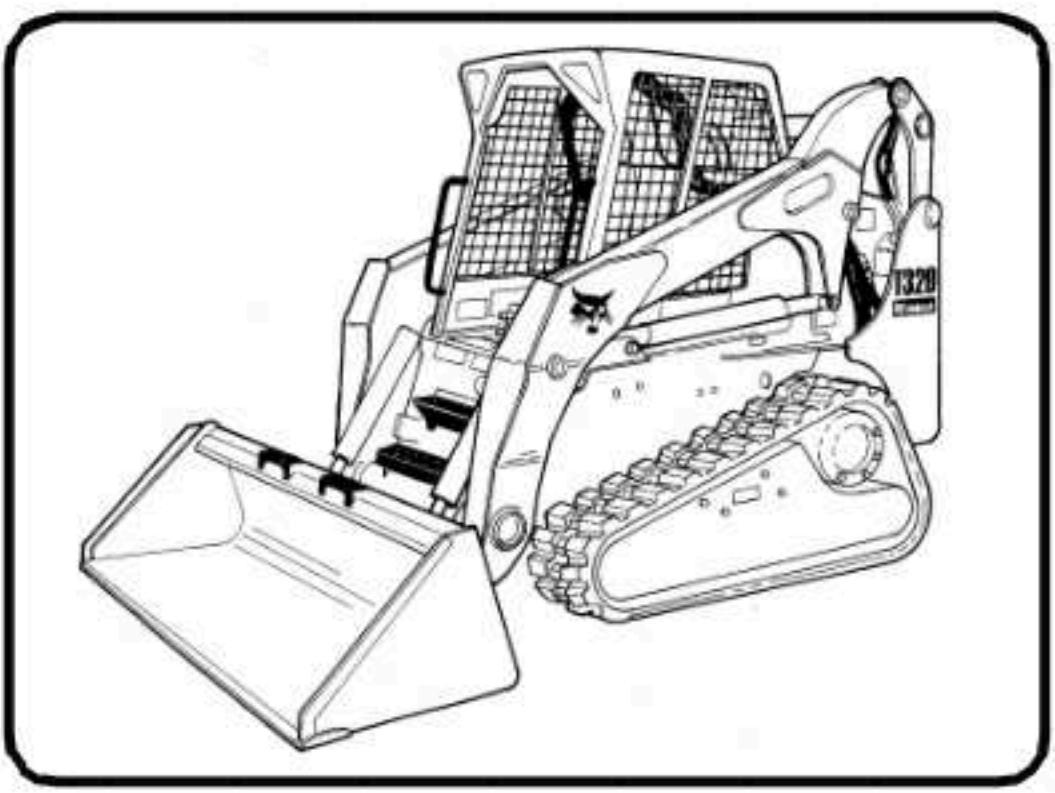
Bobcat®

Service Manual
T320 Compact Track Loader

S/N A7MP60001 & Above
S/N AAKZ11001 & Above



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)

6987046 (6-10)

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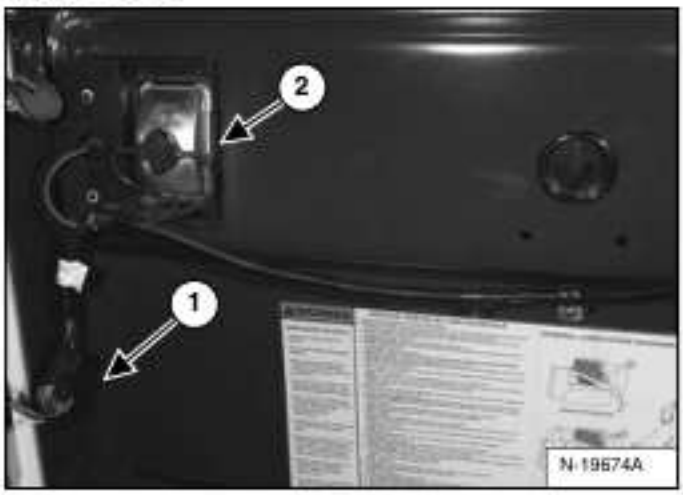
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REAR DOOR (TAILGATE)

Removal And Installation

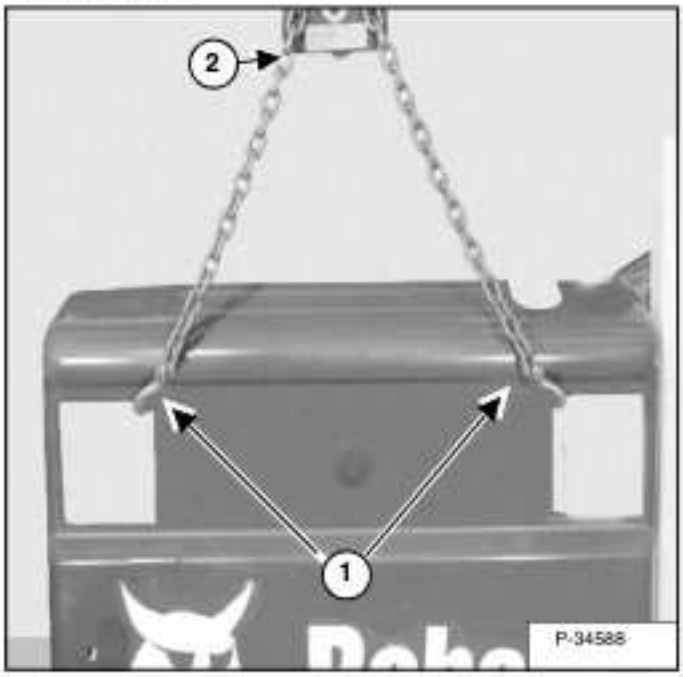
Figure 50-70-1



Disconnect the light harness connector (Item 1) **[Figure 50-70-1]** from the engine harness.

Remove both rear lights (Item 2) **[Figure 50-70-1]** from the door. (See Rear Removal And Installation on Page 60-60-2.)

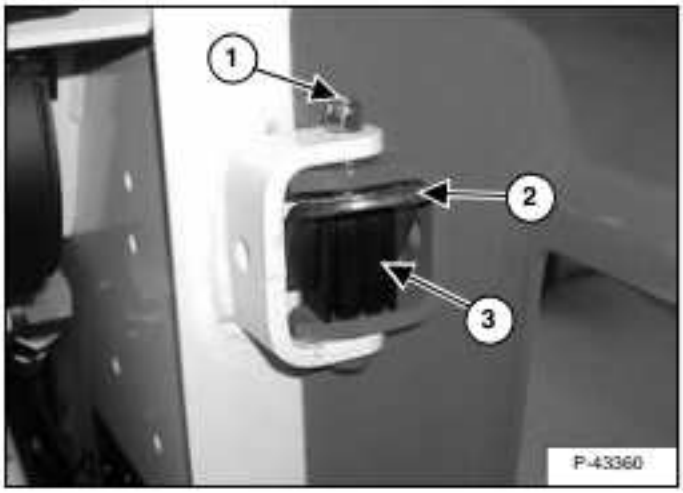
Figure 50-70-2



Secure the chain hooks (Item 1) **[Figure 50-70-2]** to the door as shown.

Connect a chain hoist (Item 2) **[Figure 50-70-2]** to the lifting chain.

Figure 50-70-3



Remove the top and bottom door hinge mounting bolts (Item 1) **[Figure 50-70-3]** and nuts.

NOTE: Install the door stop (Item 2) and the door stop retainer (Item 3) [Figure 50-70-3] in the top hinge as shown.

Installation: Tighten the mounting bolts and nuts to 25 - 28 ft.-lb. (34 - 38 N•m) torque.

Lift the door away from the loader frame and put the door flat on the floor.

Installation: Reverse the removal procedure to install the rear door.

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Troubleshooting

Please refer to Bobcat Advanced Troubleshooting System (B.A.T.S.) for troubleshooting information. It is recommended that these procedures be done by authorized Bobcat Service Personnel only.

⚠ WARNING

Check for correct function after adjustments, repairs or service. Failure to make correct repairs or adjustments can cause injury or death.

W-2004-1285

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Valve Guide - Checking

The tool described below is not provided. The tool is used for inserting and removing the valve guides.Use the dimensions below **[Figure 70-80-27]** and **[Figure 70-80-28]** to make this tool.

Figure 70-80-27

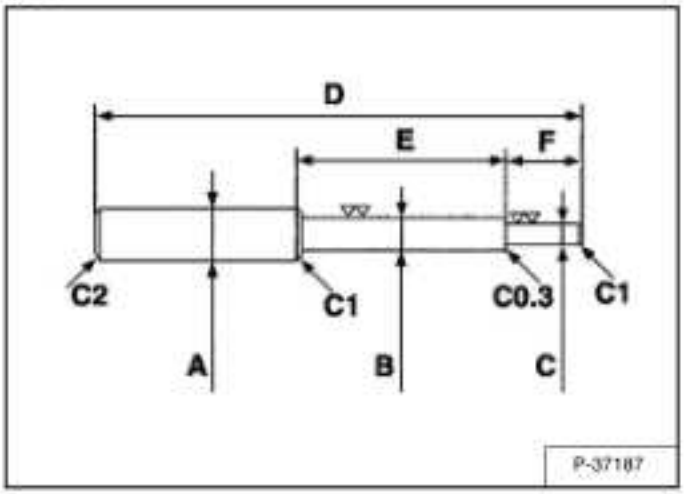
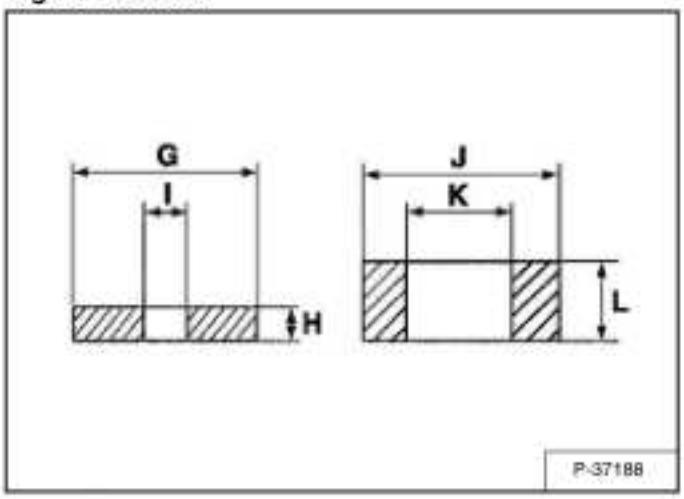
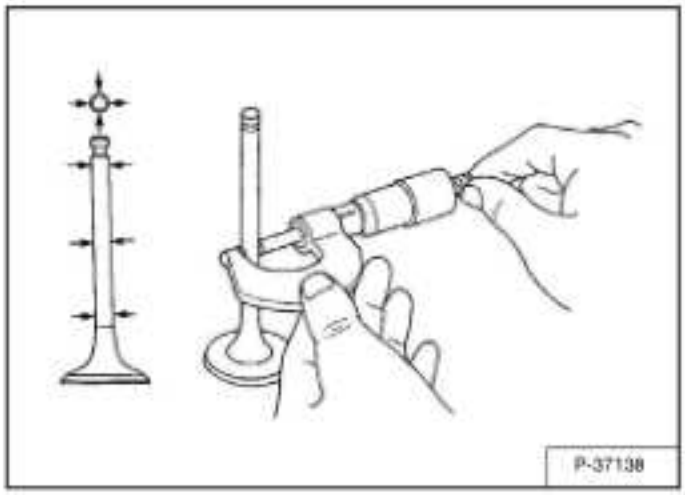


Figure 70-80-28



A	0.79 in. dia. (20 mm dia.)
B	0.460 - 0.468 in. dia. (11,7 - 11,9 mm dia.)
C	0.256 - 0.259 in. dia. (6,5 - 6,6 mm dia.)
D	8.86 in. (225 mm)
E	2.76 in. (70 mm)
F	1.77 in. (45 mm)
G	0.98 in. (25 mm)
H	0.197 in. (5 mm)
I	0.263 - 0.275 in. dia. (6.7 - 7.0 mm dia.)
J	0.787 in. dia. (20 mm dia.)
K	0.492 - 0.504 in. dia. (12.5 - 12.8 mm dia.)
L	0.350 - 0.3578 in. dia. (8.9 - 9.1 mm)
C1	Chamfer 0.039 in. (1.0 mm)
C2	Chamfer 0.079 in. (2.0 mm)
C0.3	Chamfer 0.012 in. (0.3 mm)

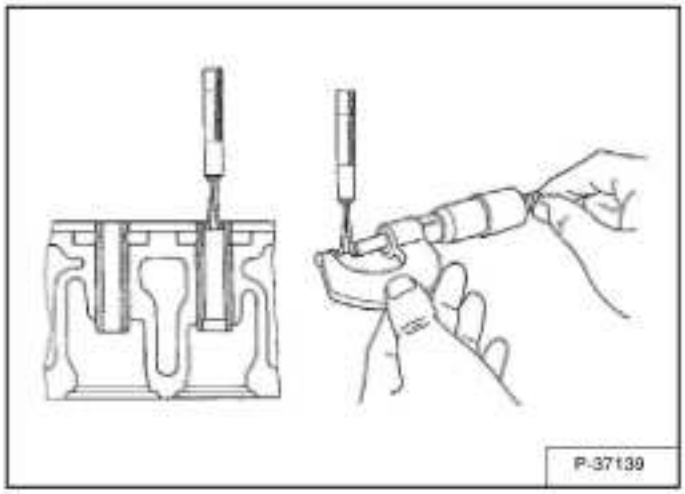
Figure 70-80-29



Remove carbon from the valve guide section.

Measure the valve stem O.D. with an outside micrometer **[Figure 70-80-29]**.

Figure 70-80-30



Measure the valve guide I.D. of the cylinder head at the most wear part as shown in **[Figure 70-80-30]** with a small hole gauge and calculate the clearance.

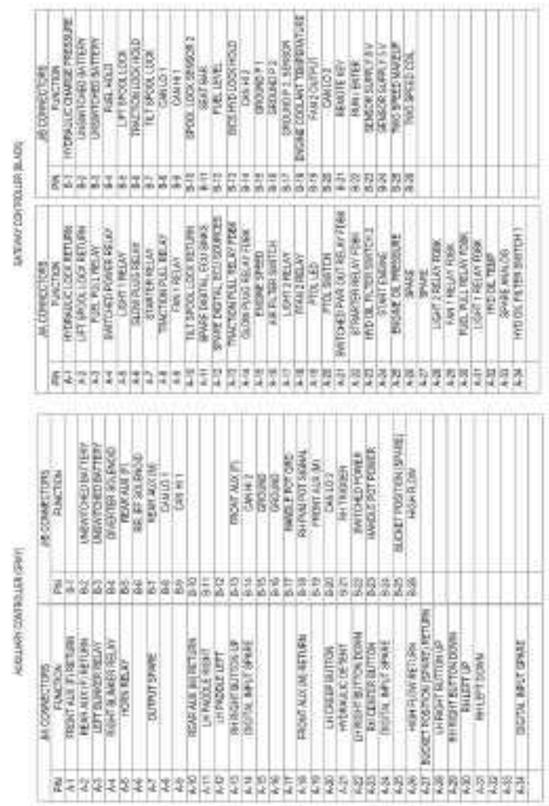
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