



Service Repair Manual

Models

120H Motor Grader

Product: MOTOR GRADER

Model: 120H MOTOR GRADER ALZ

Configuration: 120H Motor Grader ALZ00001-UP (MACHINE) POWERED BY 3126B Engine

Disassembly and Assembly 120H and 135H Motor Graders Power Train

Media Number -REN4160-05

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i01967370

Transmission - Disassemble

SMCS - 3002-015; 3030-015; 3159-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	3
B	154-6181	Forcing Screw	2
C	6V-5221	Bolt	1
D	4C-8156	Fixture	1
E	6V-3918	Bolt	1
F	4C-8157	Lifting Fixture	2
G	1U-6405	Three Jaw Puller	1
H	1U-6341	Threaded Rod	1
J	5P-7970	Nut	1
K	9U-7479	Compressing Tube	1
L	5B-0637	High Idle Nut	1
	5F-7353	Washer	1
	1B-4207	Full Nut	2
	5F-7369	Puller Leg	2
	3H-0465	Push-Puller Plate	2

	5F-7366	Screw	1
	5P-4808	Cap	2
	1U-9895	Crossblock	1
	9S-9152	Block	2
M	1B-4206	Nut	4
	8B-7552	Forcing Bolt	2
N	1U-6343	Threaded Rod	1
P	6V-8149	Nut	1
Q	2P-8312	Pliers	1
	1P-2326	Screw	1
	1P-2325	Head	1
R	3H-0462	Bolt and Nut	4
	8H-0709	Strap	4
	5F-7373	Jaw	3
T	3E-3882	Eyebolt	1

Start By:

- a. Remove the transmission. Refer to Disassembly and Assembly, "Transmission - Remove" for the correct procedure.
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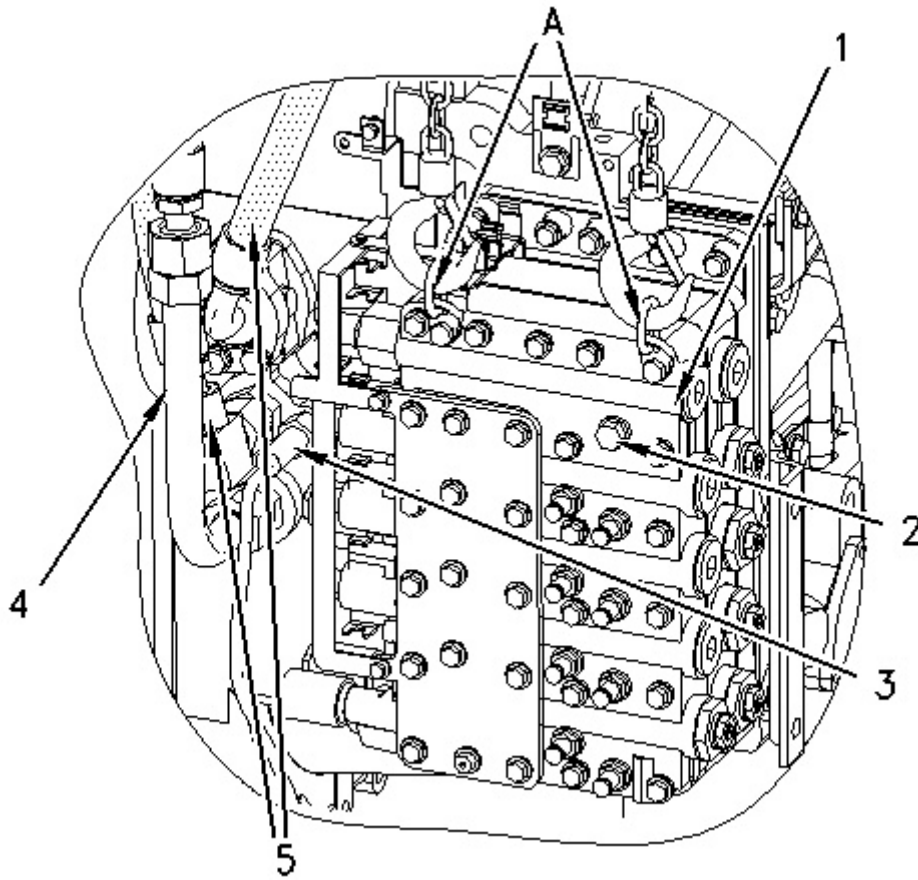


Illustration 1

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1. Install Tooling (A) on transmission control valve (1). Attach a suitable lifting device to Tooling (A).
 2. Remove bolts (2) and remove transmission control valve (1). The weight of transmission control valve (1) is approximately 30 kg (65 lb).
 3. Remove temperature sensor (3). Remove tube assembly (4). Remove hose assemblies (5).
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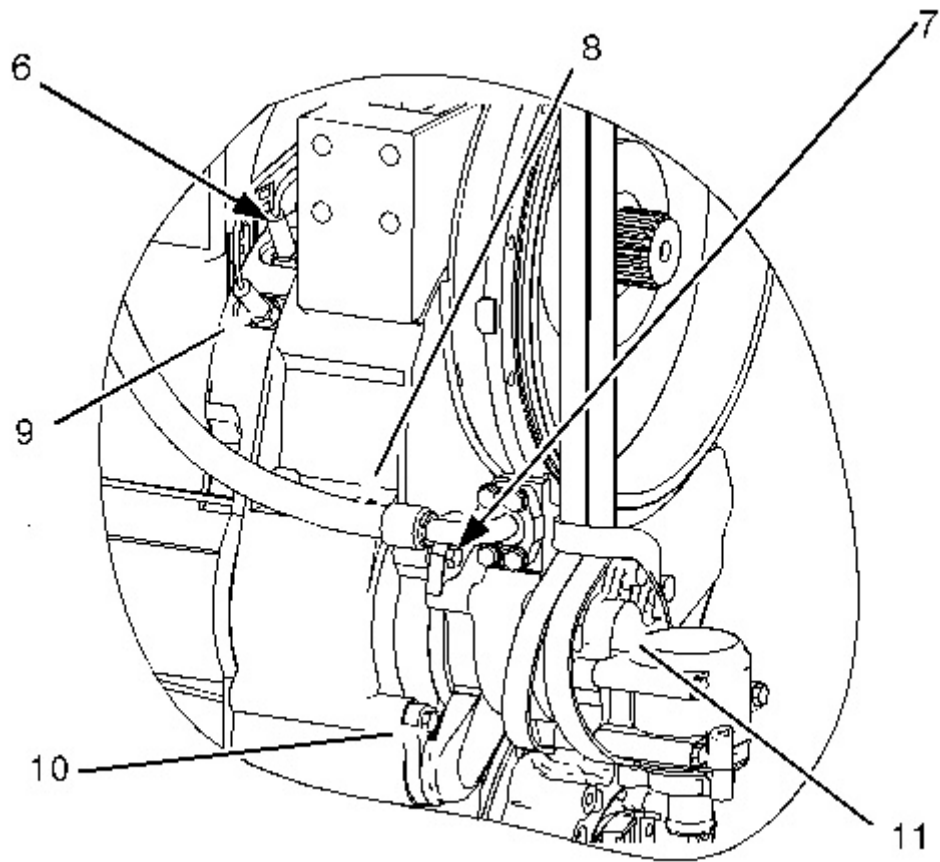


Illustration 2

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4. Remove hose assembly (8) and remove intermediate sensors (9) and (6).
 5. Attach a suitable lifting device to pump (11). Remove bolts (10). Remove pump (11). The weight of pump (11) is approximately 25 kg (55 lb).
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