



INSTRUCTION BULLETIN

No. 340554
Machine: 6500
Published: 8-02
Rev. 01

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for **kit number 383268**

DESCRIPTION:

This kit contains the parts needed to install a tilt steering kit on the model 6500 sweeper. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS:

(Estimated time to complete: 2 hours)

PREPARATION:

(Refer to FIG. 1 and 2)

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.

1. Disconnect battery cables from machine.



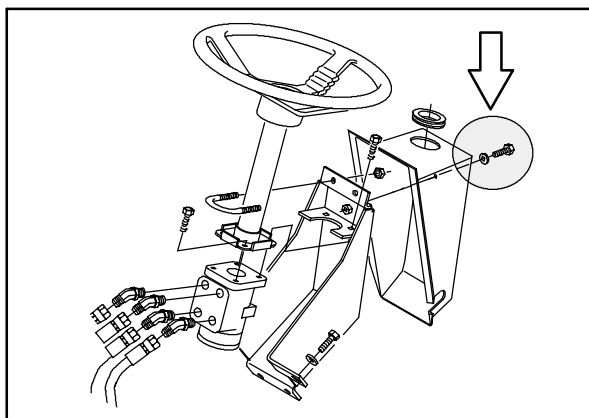
WARNING: Always disconnect battery cables from machine before working on electrical components.

2. Disconnect, remove and set aside the instrument panel from the machine.

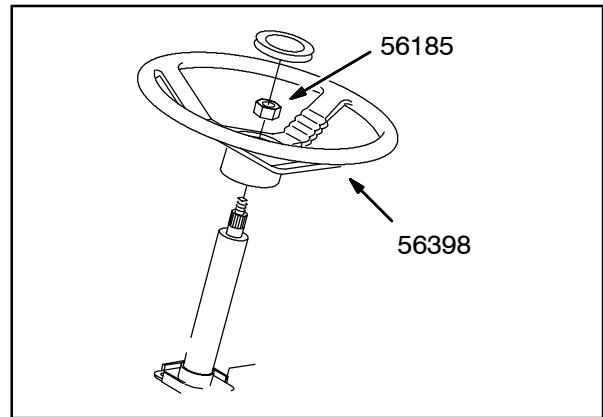
FIXED STEERING REMOVAL :

(Refer to FIG. 1)

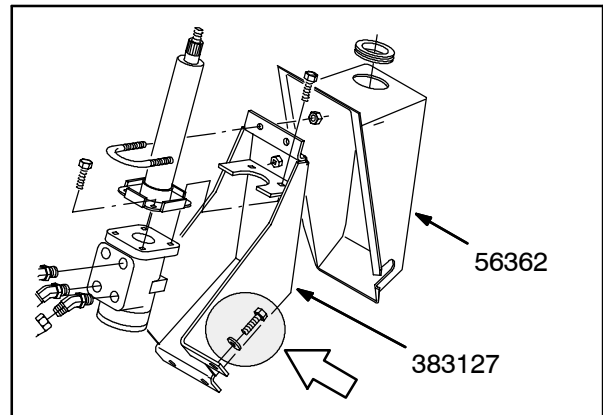
1. Remove and set aside the steering cover mounting hardware.



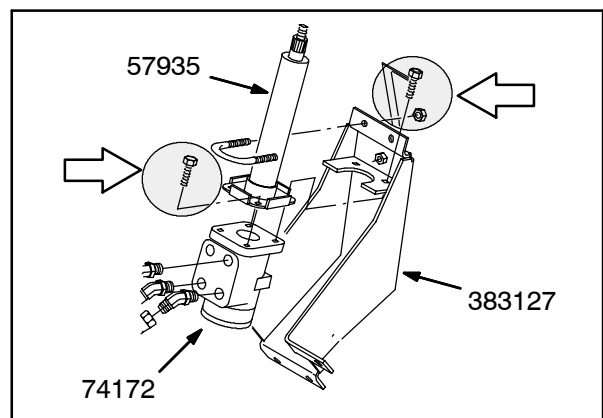
2. Remove and set aside the steering wheel 56398 and jam nut 56185.



3. Remove and set aside the hex screws securing valve bracket 383127 to the fire wall. Lower the steering assembly away from the machine. Remove and set aside steering cover 56362.



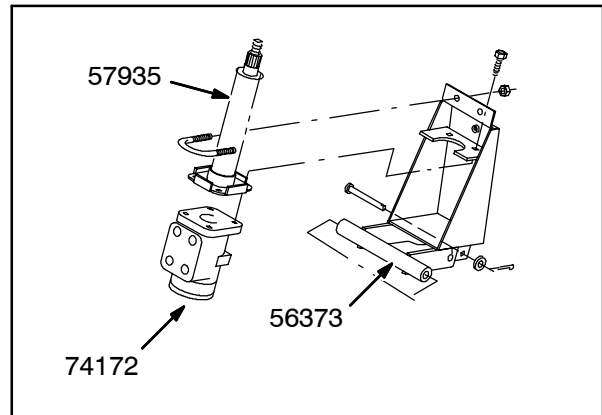
4. Remove and set aside the u-bolt 58748 and hex nuts securing valve bracket 383127 to steering column 57935. Remove and set aside hex screws securing valve bracket 383127 to steering column 57935 and hydraulic steering control 74172.



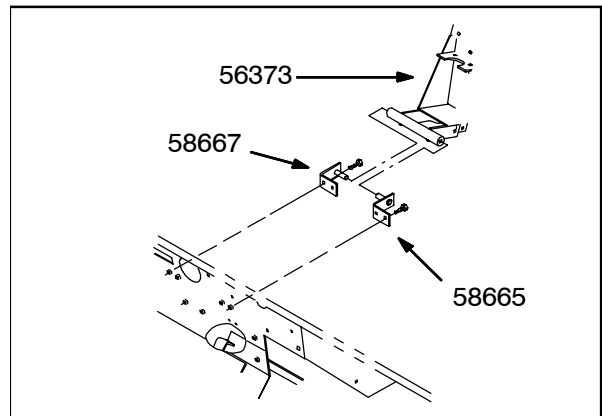
NEW TILT ASSEMBLY INSTALLATION :

(Refer to FIG. 2)

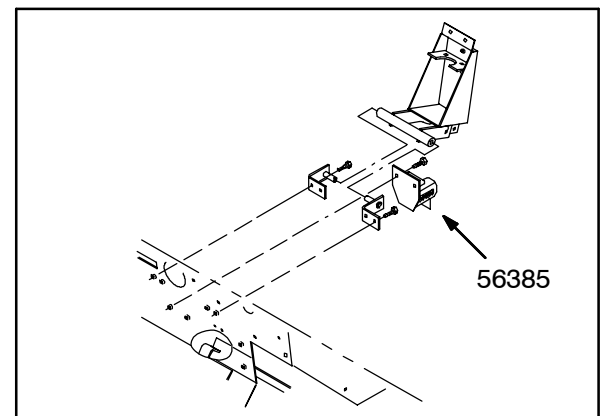
1. Loosely mount new valve bracket 56373 to steering column 57935 and hydraulic steering control 74172.



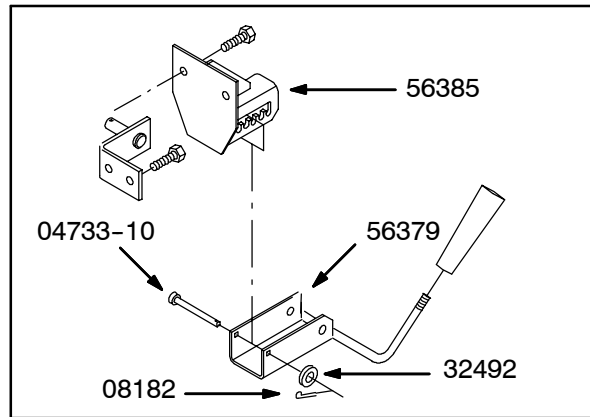
2. Assemble the new steering mounting brackets 58665 and 58667 into new valve bracket 56373. Mount steering mounting brackets 58665 and 58667 to the firewall with hex screws 16735.



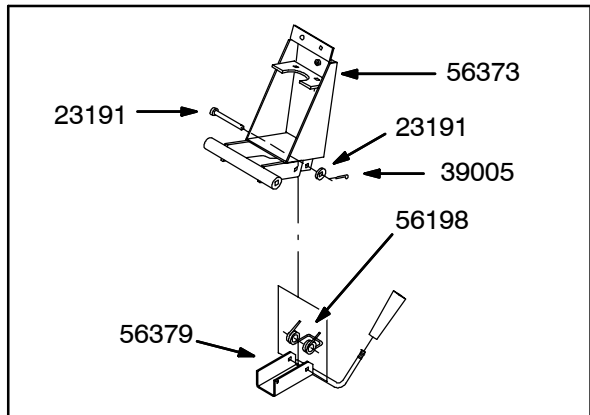
3. Mount notched steering bracket 56385 to the firewall with two hex screws 16735.



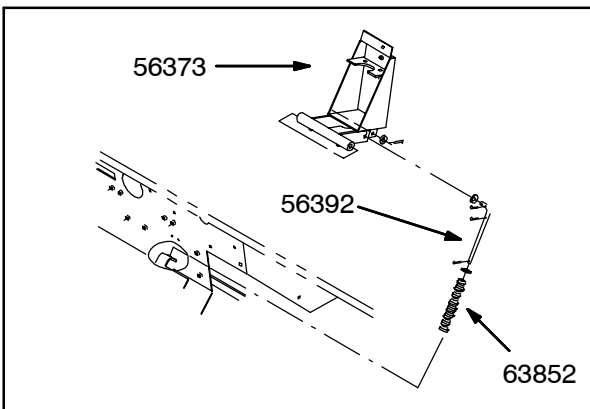
4. Connect the back end of tilt lever assembly 56379 to notched steering bracket 56385 with clevis pin 04733-10, washer 32492 and cotter pin 08182.



5. Assemble the front end of tilt lever assembly 56379 to valve bracket 56373 with torsion spring 56198, clevis pin 23191, flat washer 32492 and cotter pin 39005.



6. Connect the 90° curved end of rod 56392 to valve bracket 56373 with cotter pins 08182 and washer 32492. Slide spring 63852 onto the rod behind washer 32492. Guide the straight end of rod 56392 into the tab on the firewall, and secure with cotter pin 08182.



7. Secure all tilt steering mounting hardware.
8. Mount set aside steering cover 56362 onto valve bracket 56373.
9. Reconnect and replace the instrument panel.
10. Reconnect the battery cables to the machine.

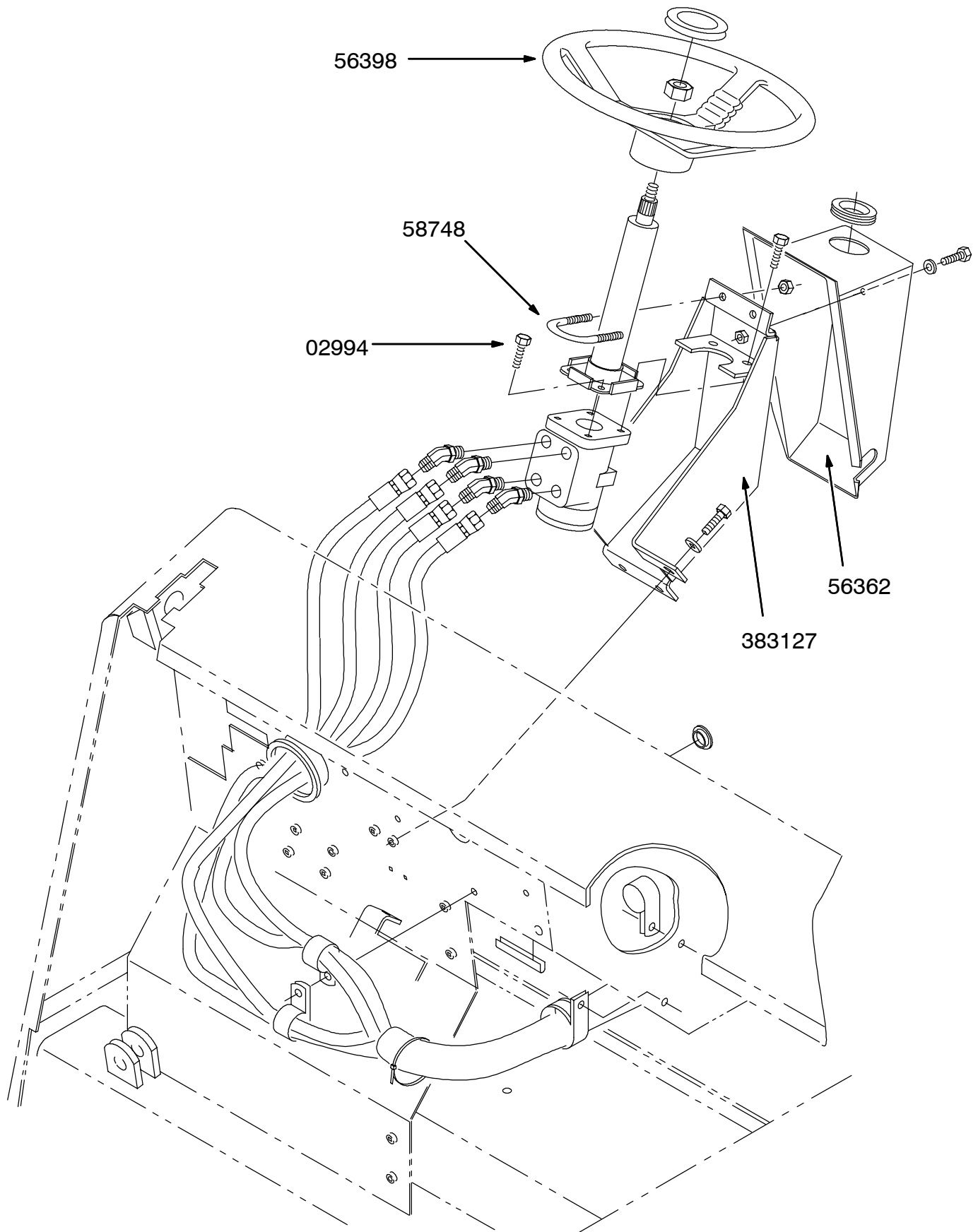


FIG. 1 - Fixed Steering Group

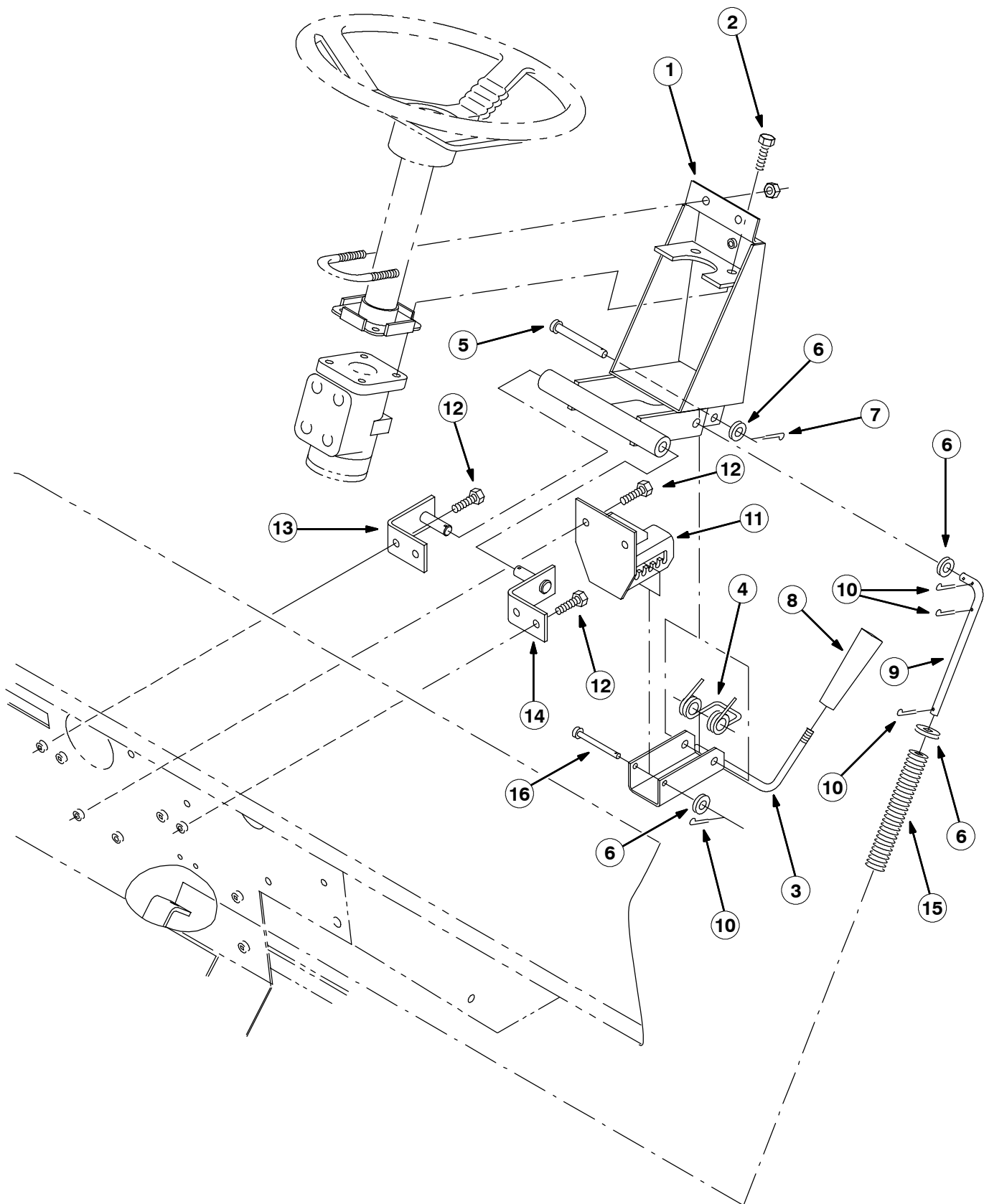


FIG. 2 - Tilt Steering Kit 383268

BILL OF MATERIALS FOR TILT STEERING KIT 383268

Ref.	TENNANT Part No.	Description	Qty.
1	56373	Bracket wldt, valve	1
2	02995	Screw, hex, 0.38-16 X 1.25, Ss	2
3	56379	Lever	1
4	56198	Spring, Tors, 0.54ID	1
5	23191	Pin, clevis	1
6	32492	Washer, flat, 0.38 Std	4
7	39005	Pin, cotter, .094 X 0.75	1
8	59940	Knob, Tpr, 1.12D 3.88L M08 X 1.25 Plstc	1
9	56392	Rod, L	1
10	08182	Pin, cotter, 0.125 X 1.0	4
11	56385	Bracket, wldt, ntch steering	1
12	16735	Screw, hex, M08 X 1.25 X 16, 8.8	6
13	58667	Bracket, wldt, mtg, steering	1
14	58665	Bracket, wldt, mtg, steering	1
15	63852	Spring, compr, 0.970D 5.5L	1
16	04733-10	Pin, clevis, 0.25D X 2.44L	1

TENNANT COMPANY
P. O. Box 1452
Minneapolis, MN 55440-1452