

# INSTALLATION INSTRUCTIONS

## HYDRAULIC DUMP KIT - T

1. PACKING LIST & ACTUAL IMAGE
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| UD25-A0008A | UD25-A0009A |
|-------------|-------------|
| 1600XDR-2   | 1600XDR-4   |
| K92400-EU   | K92440-EU   |
| K92400-LA   | K92440-LA   |
| K92400SW    | K92440SW    |
| XS2000      |             |



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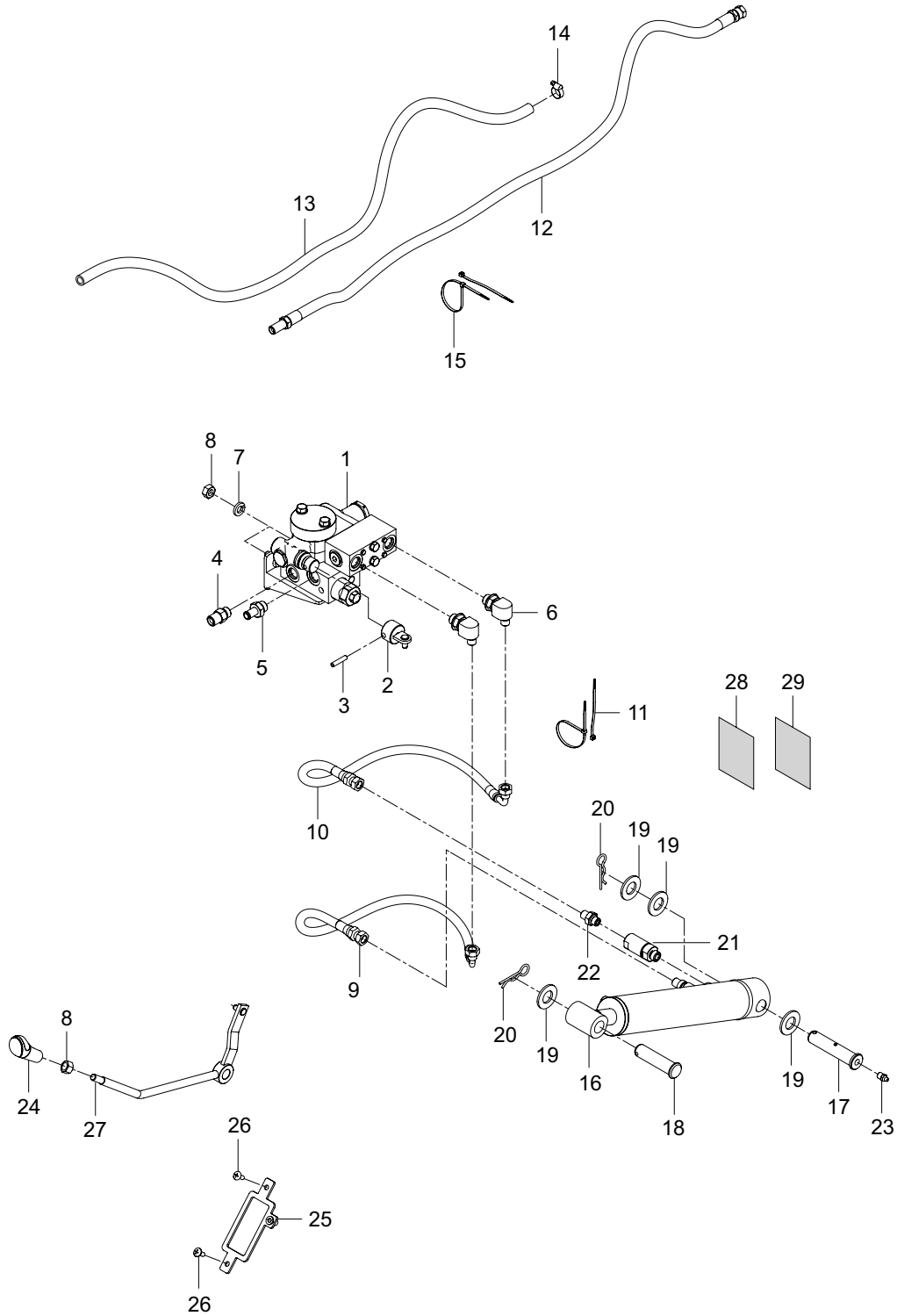
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## 1. PACKING LIST & ACTUAL IMAGE

| NO. | Part No.      | Description                         | Q'TY        |             | Remark |
|-----|---------------|-------------------------------------|-------------|-------------|--------|
|     |               |                                     | UD25-A0008A | UD25-A0009A |        |
| 1   | U3400-34211   | HYDRAULIC VALVE ASS`Y - C           | 1           | 1           |        |
| 2   | U3215-32252   | ADAPTOR - CONTROL VALVE             | 1           | 1           |        |
| 3   | 05411-00630A  | PIN, SPRING                         | 1           | 1           |        |
| 4   | T4810-46971   | TUBE, CONNECTING                    | 1           | 1           |        |
| 5   | T4715-47071   | TUBE, CONNECTING                    | 1           | 1           |        |
| 6   | T2350-66161   | ELBOW                               | 2           | 2           |        |
| 7   | 04512-50100A  | WASHER, SPRING                      | 2           | 2           |        |
| 8   | 02176-50100A  | NUT                                 | 3           | 3           |        |
| 9   | UD25-0012B    | ASS`Y HOSE, CYLINDER HYDRAULIC - A  | 1           | 1           |        |
| 10  | UD25-0013A    | ASS`Y HOSE, CYLINDER HYDRAULIC - B  | 1           | 1           |        |
| 11  | T2198-82561   | BAND, CORD                          | 1           | 1           |        |
| 12  | UD25-0007A    | ASS`Y HOSE, HYDRAULIC - C1          | 1           | -           |        |
|     | UD25-0030A    |                                     | -           | 1           |        |
| 13  | UD25-0002A    | HOSE, DRAIN                         | 1           | -           |        |
|     | UD25-0027A    |                                     | -           | 1           |        |
| 14  | F6800-91851   | BAND, HOSE                          | 2           | 2           |        |
| 15  | T2198-82561   | BAND, CORD                          | 4           | 1           |        |
| 16  | UD25-0017A    | ASS`Y CYLINDER, HYDRAULIC - DUMP    | 1           | 1           |        |
| 17  | UD25-0016A    | PIN, CYLINDER                       | 1           | 1           |        |
| 18  | U3215-32972   | PIN, JOINT                          | 1           | 1           |        |
| 19  | 04013-50200A  | WASHER, PLAIN                       | 4           | 4           |        |
| 20  | 05515-51600A  | PIN, SNAP                           | 2           | 2           |        |
| 21  | U3215-32001   | ORIFICE                             | 1           | 1           |        |
| 22  | T4620-66161   | TUBE, CONNECTING                    | 1           | 1           |        |
| 23  | 06613-10010A  | NIPPLE, GREASE                      | 1           | 1           |        |
| 24  | T2610-39882   | GRIP                                | 1           | 1           |        |
| 25  | UD22-12ACB    | HYDRAULIC LEVER COVER ASS`Y         | 1           | 1           |        |
| 26  | U3215-81552   | SCREW                               | 2           | 2           |        |
| 27  | UD22-11AAA.03 | DUMP LEVER ASS`Y, COMPLETE          | 1           | -           |        |
| 28  | U3215-85711   | LABEL WARNING, HYDRAULIC LEVER LOCK | 1           | 1           |        |
| 29  | U3215-85491   | LABEL, DOUBLE ACTING LEVER ENG      | 1           | 1           |        |



## 2. GENERAL SAFETY INFORMATION



**This symbol means ATTENTION! YOUR SAFETY IS INVOLVED.**

**The message that follows the symbol contains important information about safety. Carefully read the message.**

### BEFORE SERVICING AND REPAIRING

1. Read all safety instruction in this manual and be aware of safety decal locations on your machine.
2. Thoroughly clean your work area and the machine.
3. Make sure the machine is on firm and level ground and that the parking brake is set.
4. Lower the implement to the ground.
5. Stop the engine and remove the key.
6. Disconnect the negative battery cable.
7. Place a "DO NOT OPERATE" tag in the operator station.

### WORKING SAFETY

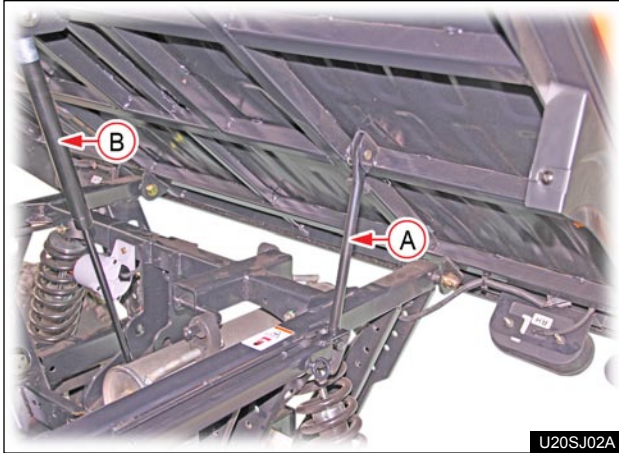
1. Do not operate or service the machine while under the influence of alcohol, medications, or other substances.
2. Never wear loose fitting clothing and always use safety equipment appropriate to the job.
3. Never use improvised tools, parts or procedures. Use only recommended tools appropriate to the work.
4. Extra care should be taken to work safely when servicing is done by two or more persons.
5. Always support the machine with safety stands rated for the weight of the machine. Never work under a machine that is supported solely with a jack.
6. Do not touch any rotating or hot parts while the engine is running.
7. Escaping fluid (hydraulic oil) under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or fuel lines. Tighten all connections before applying pressure.

### DISPOSE OF FLUIDS PROPERLY

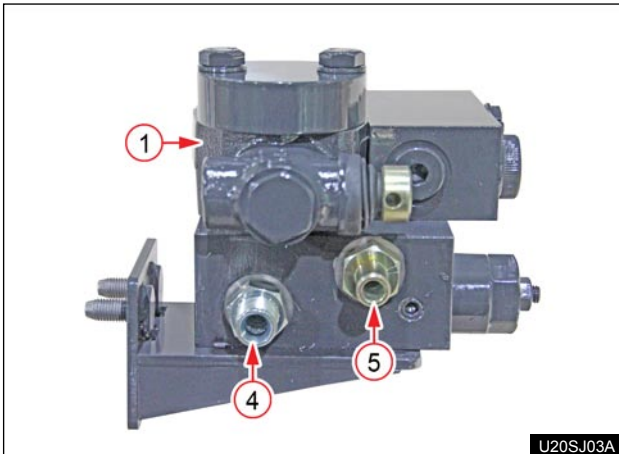
1. Observe relevant environmental protection regulations when disposing of oil. NEVER pour fluids onto the ground, down a drain, or into any body of water.

### 3. INSTALLATION INSTRUCTION

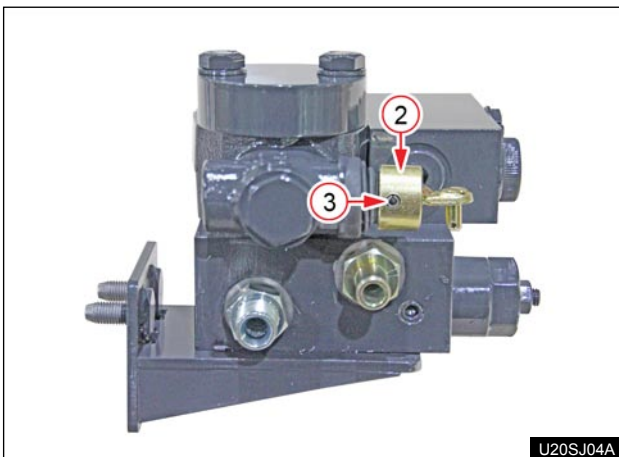
1. Park the vehicle on firm and level ground. Then, engage the parking brake and stop the engine.



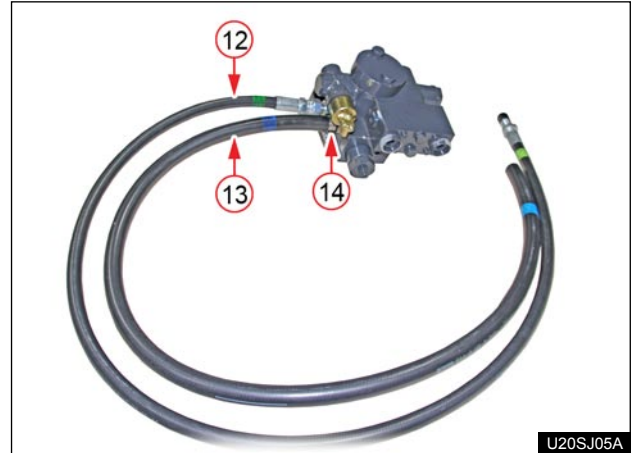
2. After lifting the deck ass'y, install the deck drop protection rod (A) to remove the gas spring (B) safely.



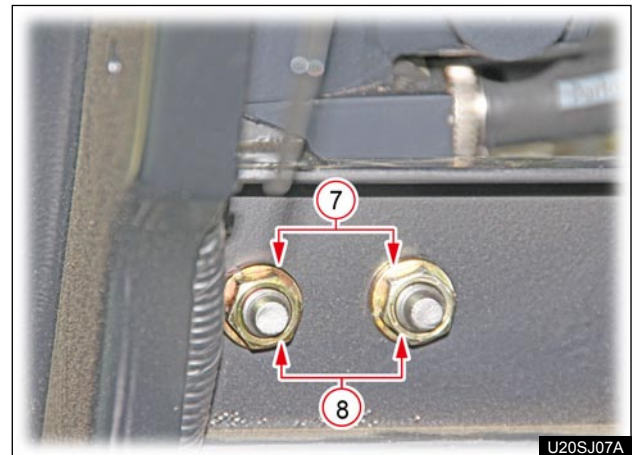
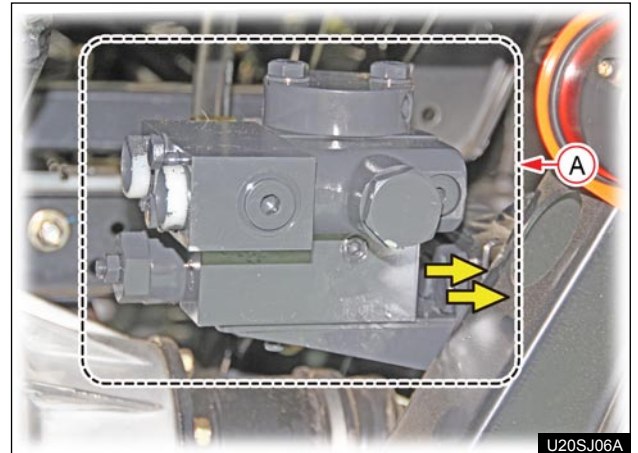
3. Install the connecting tubes (4, 5) to the hydraulic valve ass'y (1).



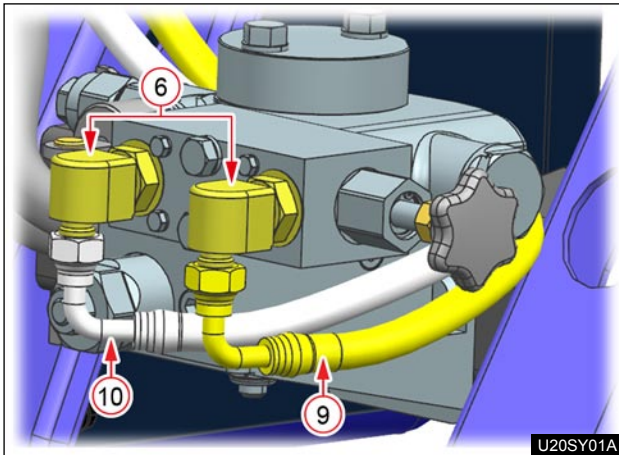
4. Install the control valve adaptor (2) to the hydraulic valve with the spring pin (3).



5. Connect the hydraulic hose ass'y (12) to the hydraulic valve ass'y and drain hose (13) to the hydraulic valve connecting tube. Then, secure it with the hose band (14).



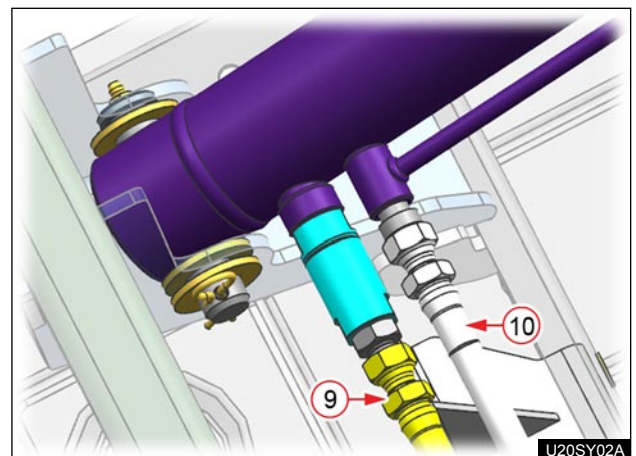
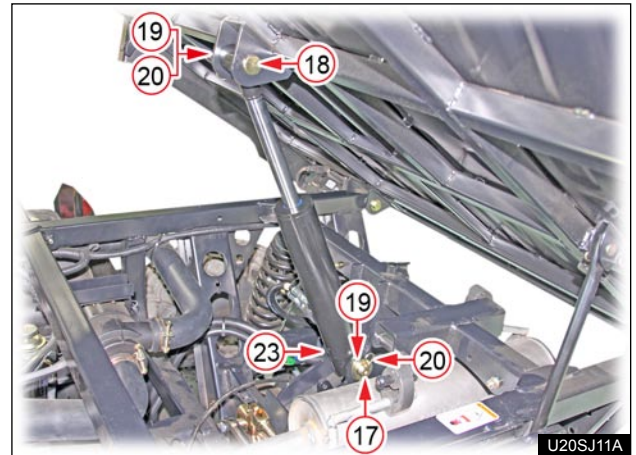
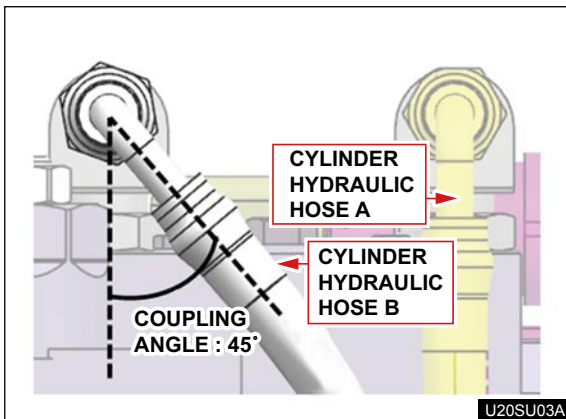
6. Install the hydraulic valve ass'y (A) (it assembled in Step 5) to the main frame of the rear axle and tighten the spring washers (7) and nuts (8).



7. After installing the elbow (6) to the hydraulic valve body, connect the hydraulic cylinder hose B (10) and hydraulic cylinder hose A (9) to the elbow. Then, move the hoses to the hydraulic cylinder side.

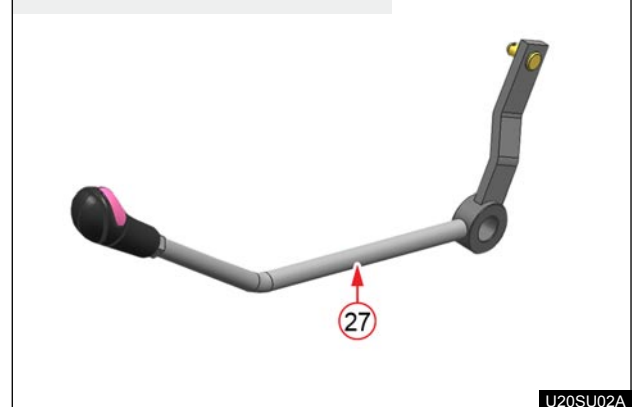
#### REMARKS

- Installation angle of cylinder hydraulic hose assembly



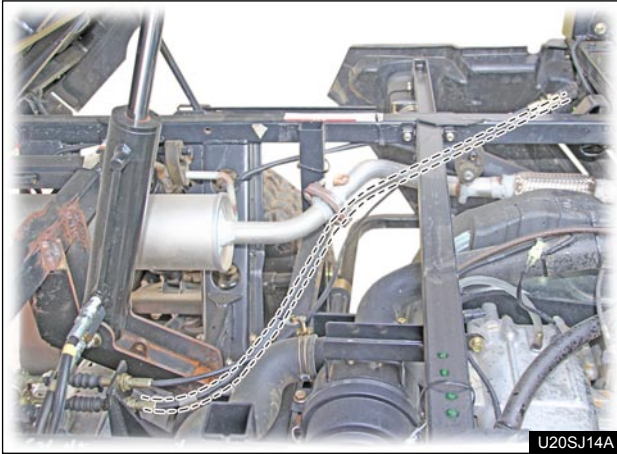
9. Install the hydraulic cylinder ass'y (it assembled in Step 8) to the main frame section and secure it with the cylinder pin (17), grease nipple (23), plain washer (19) and snap pin (20) in order. Also, insert the joint pin (18) and secure it with the plain washer (19) and snap pin (20) from the deck section. Then, connect the hydraulic cylinder hose.

#### FOR UD25-A0008A KIT



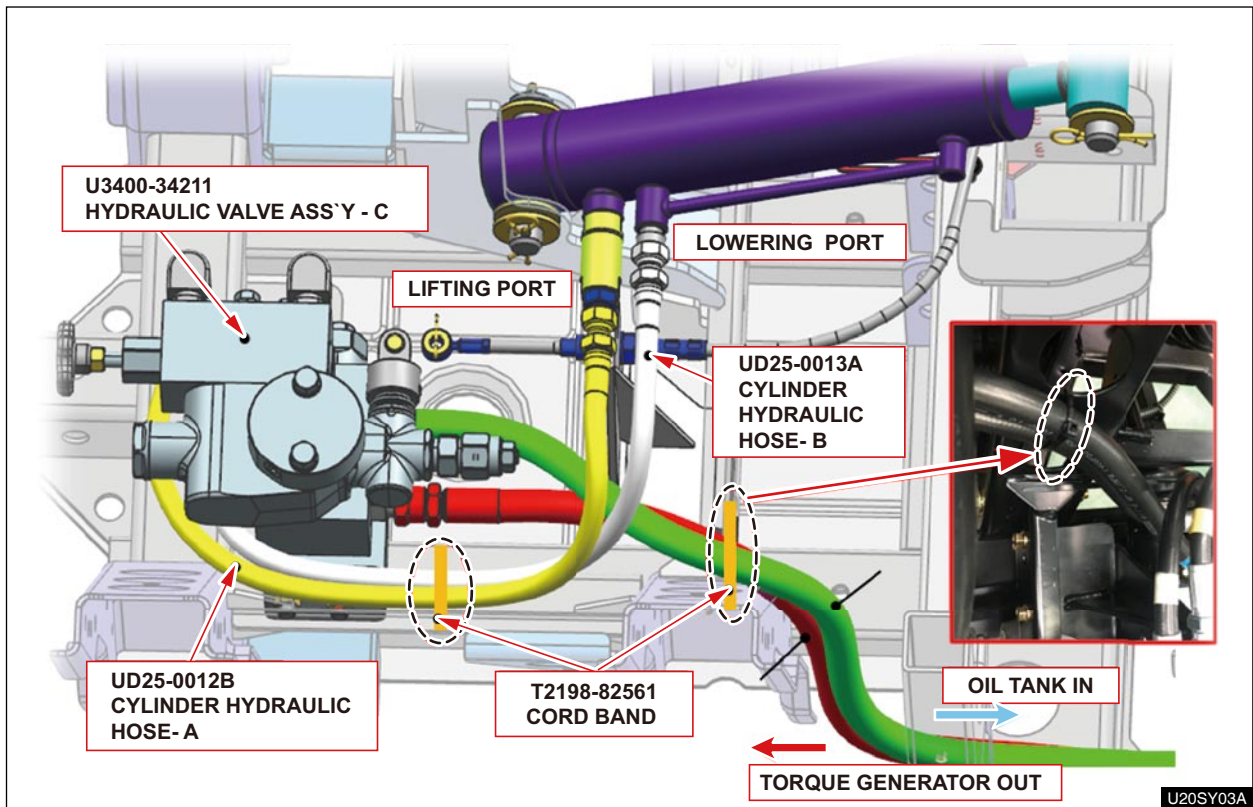
8. Install the orifice (21) and connecting tube (22) to the hydraulic cylinder (16).

10. Remove the middle outer fender and install the hydraulic lever (27) on the frame.



11. Connect the dump cable to the dump lever and control valve adaptor with the plain washer and snap pin. Then, tighten the dump cable nut from the control valve bracket (A) to secure.

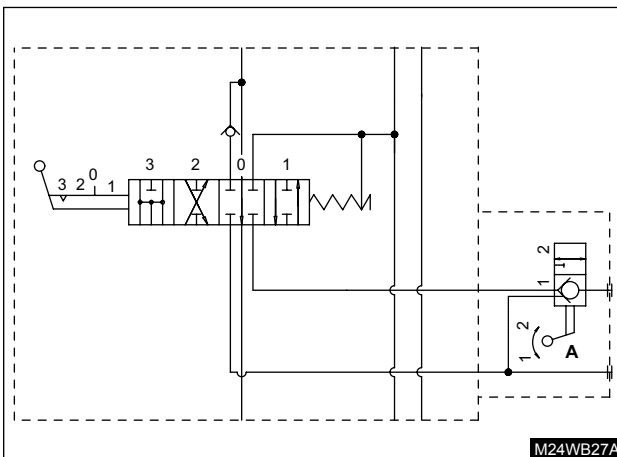
## REMARKS





12. After reinstalling the fender middle outer (it assembled in Step 11), install the hydraulic lever cover and tighten the screws (26).  
Install the nut (8) and grip (24) to the dump lever and tighten the nut (8).

### REMARKS



The dumping valve is a double acting type and has a detent-floating function. When the valve lever is operated to the cylinder extending direction (1), the cargo bed is lifted. Operating the valve lever to the cylinder retracting direction (2) lowers the cargo bed. Also, pushing the valve lever to the one step further from the retracting position fixes the lever to the floating position (3). In the floating position, the engine doesn't need to be started as the cargo bed can be lifted without the hydraulic oil. Turning the shift lever (A) on the side block counterclockwise (2) opens the hydraulic oil passage to the dump cylinder so that the cargo bed can be lifted up to the floating position manually. On the other hand, turning the shift lever clockwise (1) blocks the upper hydraulic oil passage to the dump cylinder with the check valve, preventing oil flow. This state can protect

the hydraulic circuit from shock coming from the deck and promotes stable driving while driving on a bumpy road. Therefore, turn the shift lever counterclockwise for manual dump operation and clockwise for driving.

