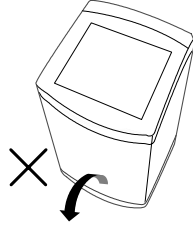


6. Disassembly and Reassembly

6-1 Cautions for Disassembly and Reassembly

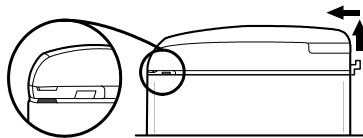
6-1-1 Before Servicing

- When laying down the washing machine for repair, do not place the front side downwards. This may cause the following :
 - The round front face may be deformed.
 - The top-cover and the outer-case (round area) may not match.

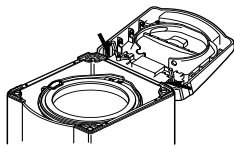


- When removing the top-cover from the outer-case, remove 2 screws fixing the parts in back of the top-cover and remove the top-cover while pushing it in the direction of the front at the same time lift up quietly the rear side.

Caution) When you do not remove like that 2 fixing hooks easy to break in the front side. When removing the cover t. c from the top-cover, remove 2 screws fixing the parts in back of the top-cover and touch up softly with hands.



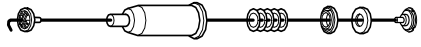
- When removing the top-cover from the outer-case, do not let the wire bundle fall downwards and touch the sharp edge of the outer-case. Also, do not allow tension to stress the wires.

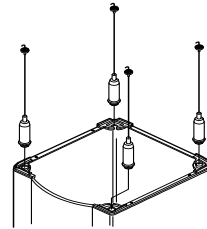


- When moving the washing machine to a place with a rough floor, do not drag it. If it is dragged, the rubber may get loose, thereby causing severe vibration and noise during washing.

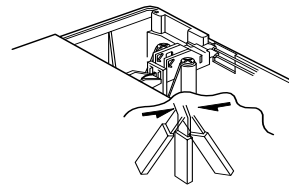
6-1-2 During Servicing

- When replacing the suspension-bar, be sure to check both the front and rear suspension-bar assemblies. This prevents installation of the front and rear sides in the reverse order.
- Reversal may cause a severe vibration that might rock the washing machine.

Shape				
	CASE-D	BAR-S	SPRING	COLLOR-S
Front	White	Yellow	Yellow	Red
Rear	White	Yellow	Yellow	NTR

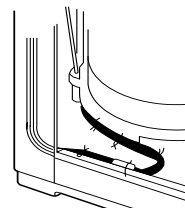


- When replacing the suspension-bar, only use parts for this model.
- Since the length of the bar varies among on models, installing the wrong size may cause severe vibration.
- Do not deform the check-S/W rod of the top-cover.
- The installation of a deformed check-S/W rod will result in malfunction of the safety switch during severe vibration, thus causing an unbalanced error.

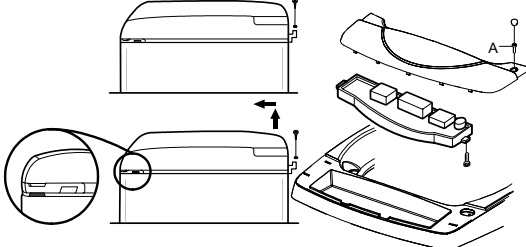
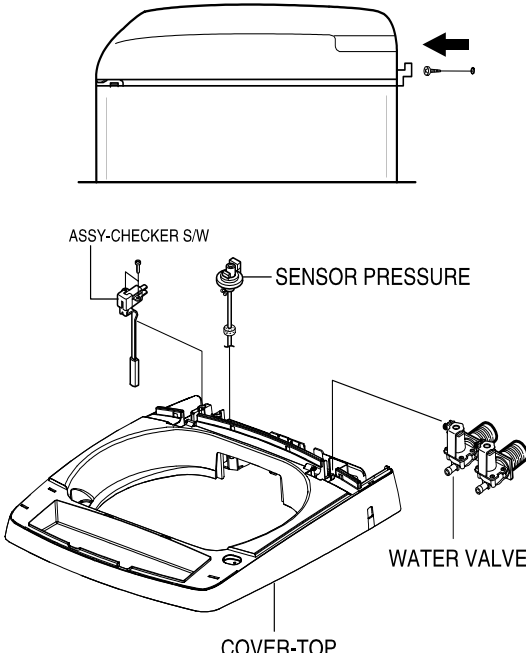


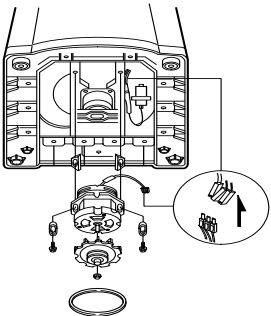
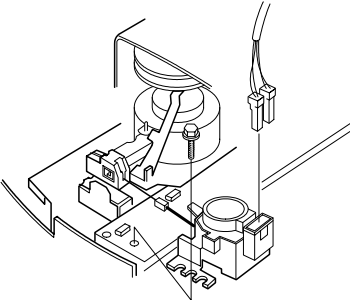
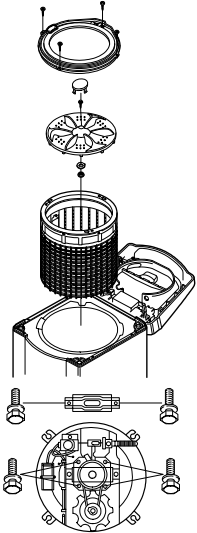
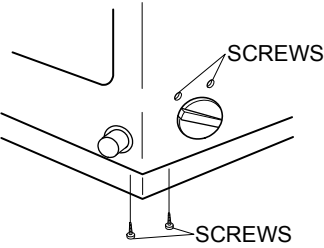
6-1-3 After Servicing

- Check the level of the washing machine.
- When setting the wire bundle in the lower section, make sure that the wire bundle is not stressed by any tension due to tilting of the tub assembly.
- When setting the wires, do not let the wires touch any sharp edges.
- Remove any moisture on the wire bundle, and on areas surrounding the wire connector.

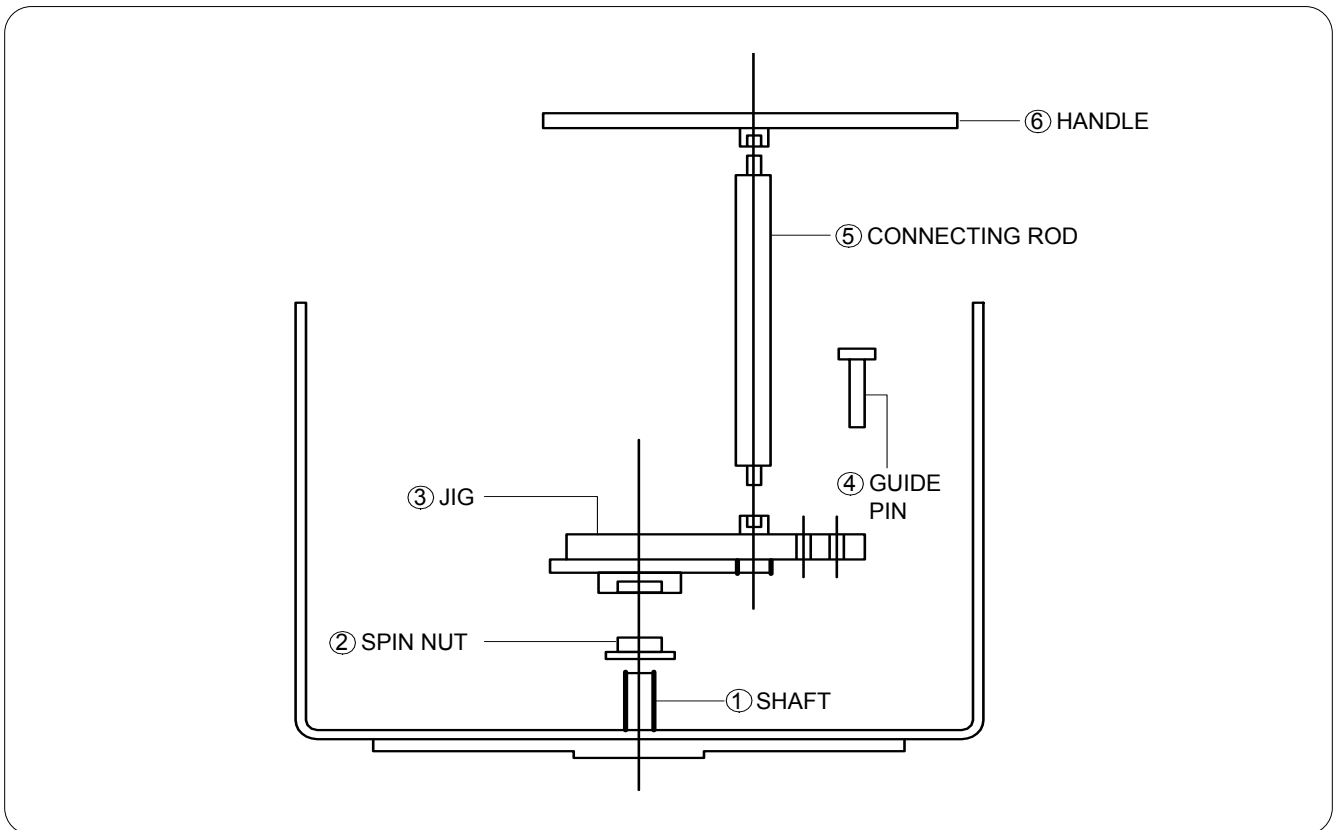


6-2 Disassembly

Disassembly Procedure	Illustration
<p>◆ Removing the Top cover and PCB Assembly</p> <ol style="list-style-type: none"> 1) Remove screw cover and screw A. 2) Loose 5 screws for fastening the PCB-Assembly. 3) Take out the PCB-Assembly. 4) Remove 2 screws fixing the parts in back of the top-cover. 5) Remove the top-cover while pushing it in the direction of the front at the same time lift up quietly the rear side. 6) Reverse the top cover. 	
<p>◆ Removing the Pressure-Sensor, Water-Valve, Checker Assembly, and Transformer</p> <ol style="list-style-type: none"> 1) Remove two Screws fixing the Top-Cover and the Cover T.C. 2) Lift up the Cover T.C. while pushing it in the direction of the arrow. <p>◆ Pressure Sensor</p> <ol style="list-style-type: none"> 1) Pull out the Lead Wire Terminal of the Pressure Sensor. 2) Remove the Pressure Sensor. 3) Pull out the Air Hose. <p>◆ Water Valve</p> <ol style="list-style-type: none"> 1) Pull out the Lead Wire Terminals. 2) Remove the Water valve while pushing it in the direction of the arrow. <p>◆ Checker</p> <ol style="list-style-type: none"> 1) Pull out the Lead Wire Terminals. 2) Remove the two Screws. 3) Lift out the Checker. <p>◆ Wire Harness</p> <ol style="list-style-type: none"> 1) Pull out the Lead Wire Terminals from the PCB. 2) Pull out the Lead Wire Terminals from the parts in back of the Top Cover. 3) Remove the Wire Harness. <p>◆ Transformer</p> <ol style="list-style-type: none"> 1) Transformer is built in the PCB Assembly. 	

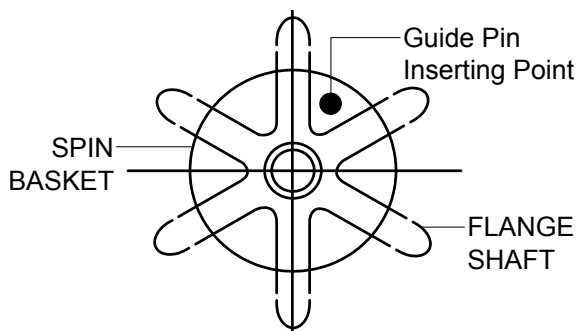
Disassembly Procedure	Illustration	Remarks
<p>◆ Removing the Motor</p> <ol style="list-style-type: none"> 1) Remove the Back Cover. 2) Lay down the Washing Machine with the rear side facing the floor. 3) Pull out the Sound Absorption Panel. 4) Remove the Wire Housing. 5) Remove the V Belt. 6) Remove the two Bolts fastening the Motor. 7) Remove the Motor Pulley. 8) Pull out the Motor 		
<p>◆ Removing the Drain Motor</p> <ol style="list-style-type: none"> 1) Lay down the Washing Machine with the rear side facing the floor. 2) Pull out the Lead Wire Terminal. 3) Remove the Bolt. 4) Remove the Drain Motor Wire from the Link. 5) Lift out the Drain Motor 		
<p>◆ Removing the Shaft Assembly</p> <ol style="list-style-type: none"> 1) Remove the two Screws fixing the Top Cover, and lift up the Top Cover gently tilt the Top Cover back to expose the Tub Cover. 2) Remove the four Screws fixing the Tub Cover. 3) Remove the Bolt fixing the Pulsator. 4) Remove the Spin Nut fixing the flange Shaft and the Shaft and pull out the Spin Basket. <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="text-align: center;">Caution Disassemble the Spin Nut in a counterclockwise direction.</p> </div> <ol style="list-style-type: none"> 5) Lay down the Washing Machine with the rear side facing the floor. 6) Remove the two Bolts fixing the Saddle. 7) Remove the four Bolts fixing the Shaft using the Box and take out the Shaft Assembly. 		
<p>◆ Removing the Pump Assy</p> <ol style="list-style-type: none"> 1) Remove the Back Cover. 2) Remove the Lead Wire Terminal and the Earth Wire. 3) Remove the Two Hoses. 4) Remove the 2screws which fix the filter. 5) Lay down the Washer with the right side facing the Floor. 6) Remove the 2 Screws which fix the pump. 7) Lift out the Pump. 		

6-3 Spin - Nut Repairing Box

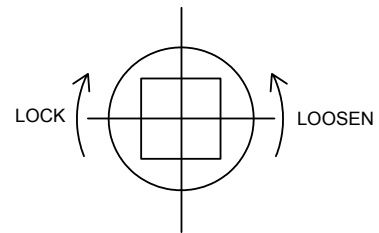


6-3-1 Procedure

1. Insert the jig ③ into the spin-nut ② .
2. Insert the guide pin ④ into the groove of the flange - shaft by rotating it to the right and left.



3. Insert the connecting rod ⑤ and handle ⑥ into the square box. Then turn the handle clockwise on the axis of the small box to disassemble (Right-hand thread).*



*To disassemble the box, give three to four times of instantaneous shocks to the handle in the loosening direction, then disassemble it by turning the handle when the nut is loosened.

4. To disassemble the box, strike the handle three or four times-quick shocks to loosen it-then complete the disassembly by turning the handle as the nut is loosened.

5. Reassemble in reverse order.