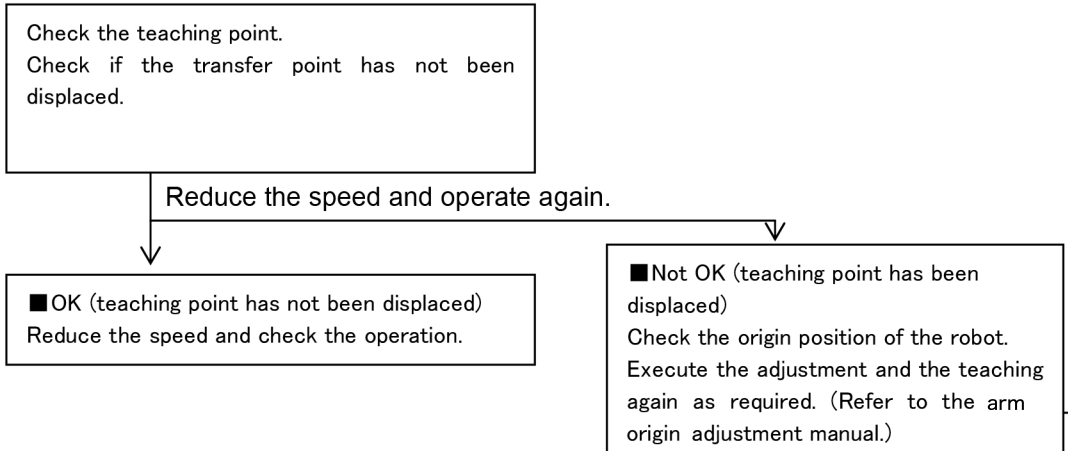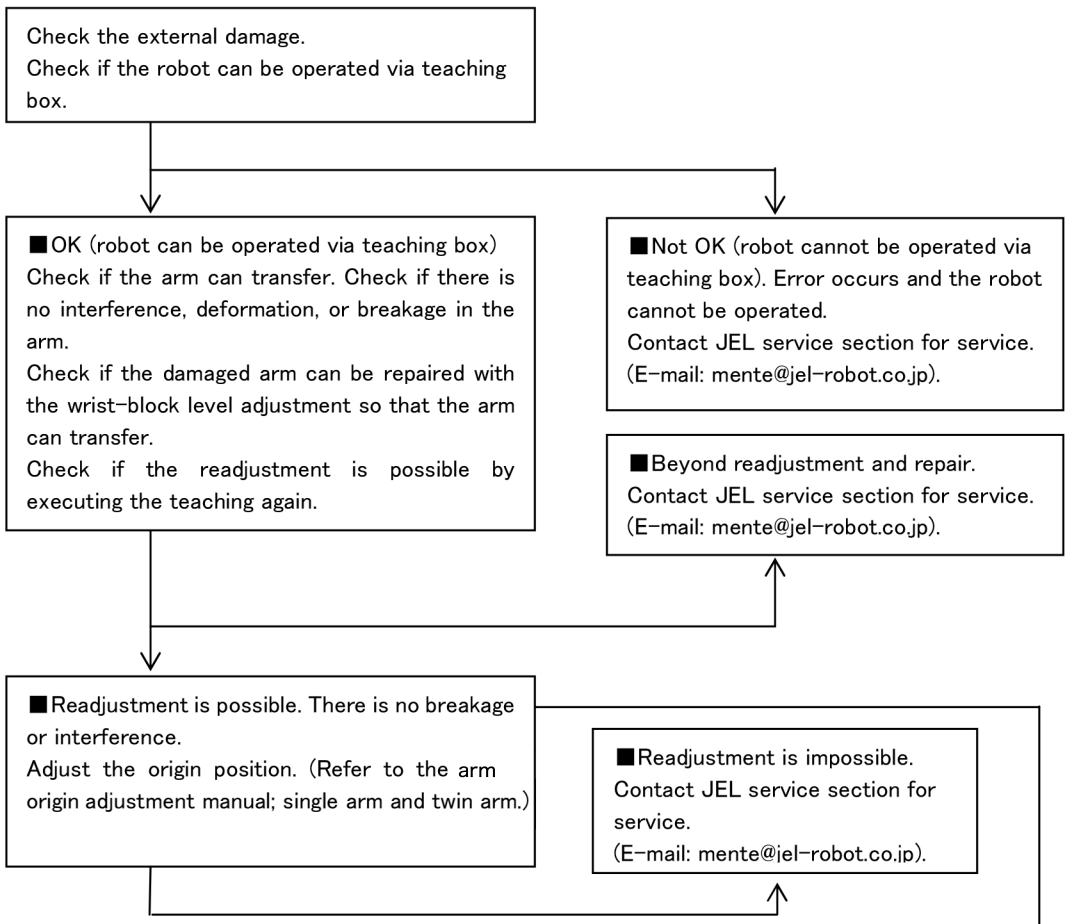# Troubleshooting

■In case the robot hits something

Verify the actual situation.
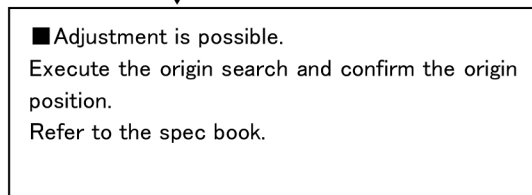
1. The origin position has not changed (the axis has been displaced).
2. The axis has been displaced.
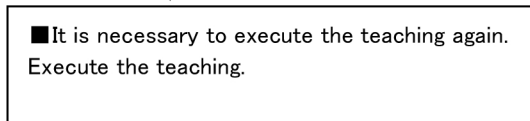
1. The origin position has not changed.

Check the teaching point.
Check if the transfer point has not been displaced.

Reduce the speed and operate again.

■OK (teaching point has not been displaced)
Reduce the speed and check the operation.

■Not OK (teaching point has been displaced)
Check the origin position of the robot. Execute the adjustment and the teaching again as required. (Refer to the arm origin adjustment manual.)

2. The axis has been displaced.

Check the external damage.
Check if the robot can be operated via teaching box.

■OK (robot can be operated via teaching box)
Check if the arm can transfer. Check if there is no interference, deformation, or breakage in the arm.
Check if the damaged arm can be repaired with the wrist-block level adjustment so that the arm can transfer.
Check if the readjustment is possible by executing the teaching again.

■Not OK (robot cannot be operated via teaching box). Error occurs and the robot cannot be operated.
Contact JEL service section for service.
(E-mail: mente@jel-robot.co.jp).

■Beyond readjustment and repair.
Contact JEL service section for service.
(E-mail: mente@jel-robot.co.jp).

■Readjustment is possible. There is no breakage or interference.
Adjust the origin position. (Refer to the arm origin adjustment manual; single arm and twin arm.)

■Readjustment is impossible.
Contact JEL service section for service.
(E-mail: mente@jel-robot.co.jp).

■Adjustment is possible.
Execute the origin search and confirm the origin position.
Refer to the spec book.

After the adjustment

■It is necessary to execute the teaching again.
Execute the teaching.

After the teaching

■ Check the operation and confirm that the robot can transfer with no problem.