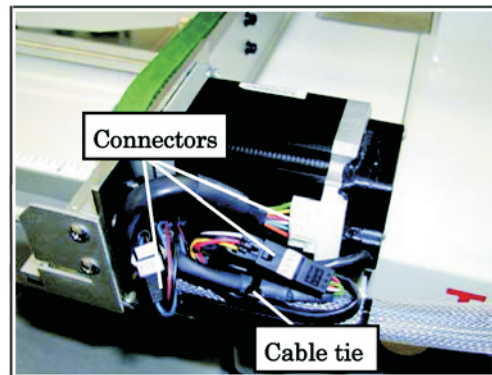


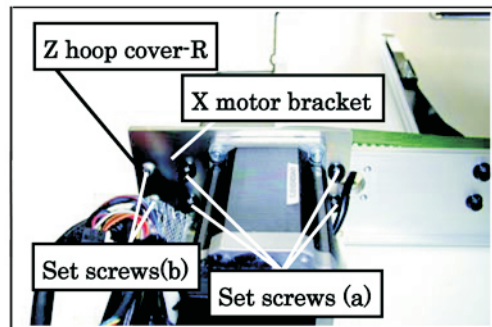
18.X stepping motor

[Removal]

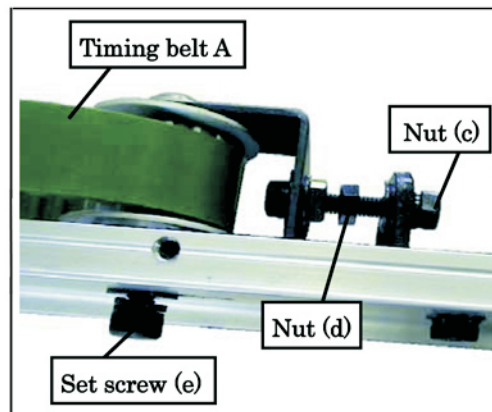
1. Remove the X cover and the X motor cover.
(See:page.61 and after)
2. Disconnect the 2 connectors of the X stepping motor and the connector of the X origin sensor.



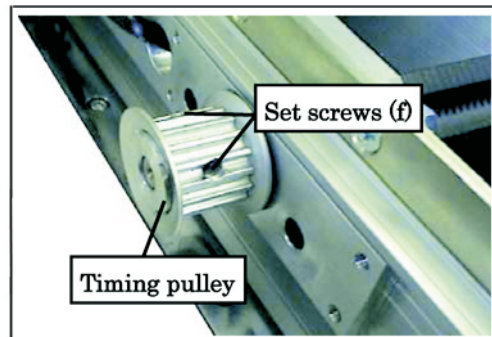
3. Remove the set screws (a) of the X motor bracket.
4. Remove the 2 set screws (b), and remove the Z hoop cover-R.



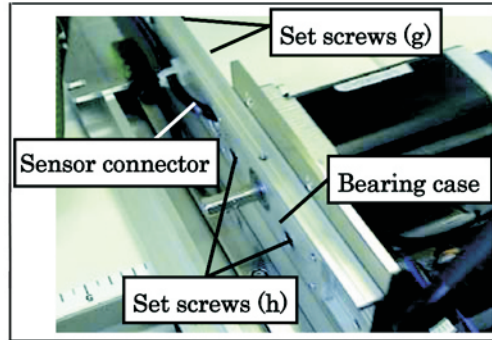
5. Remove the adjust nuts (c), (d) and set screw (e), and remove the timing belt A.



6. Loosen the set screw (f) with the Allen wrench, and take off the timing pulley of the X stepping motor.

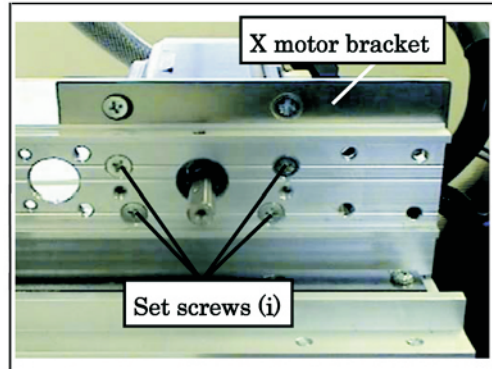


7. Pull out the connector of X origin sensor through the hole of bearing case. Remove the each pair of set screws (g) and (h), and remove the bearing case.

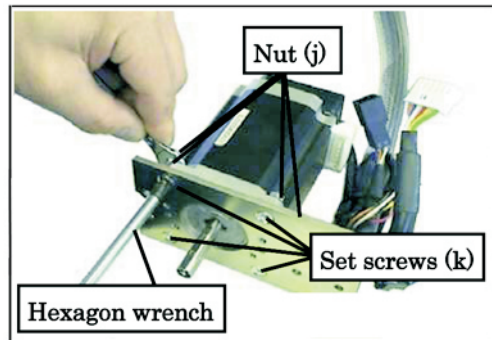


8. Remove the 4 set screws (i), and remove the X motor bracket.

9. Cut off the cable tie.



10. Remove the 4 set screws (k) from the X motor bracket side fixing the 4 nuts (j) at the X stepping motor side. Remove the X stepping motor.



[Reassembling]

Reassemble the parts in the reverse order of removal.

[Note]

- Pay attention to insert the motor shaft into the bearing straight.
- When installing the timing pulley, align the 2 set screws for the pulley with the 2 setting bases on the motor shaft.
- When installing the timing pulley, make it at the same level as the motor shaft end, or protrude a little from the motor shaft end.
- Confirm the belt tension after installing the timing belt A.
(see:page.57 [Timing belt tension])

