Dispenser

Ice Door Motor

Water Tube
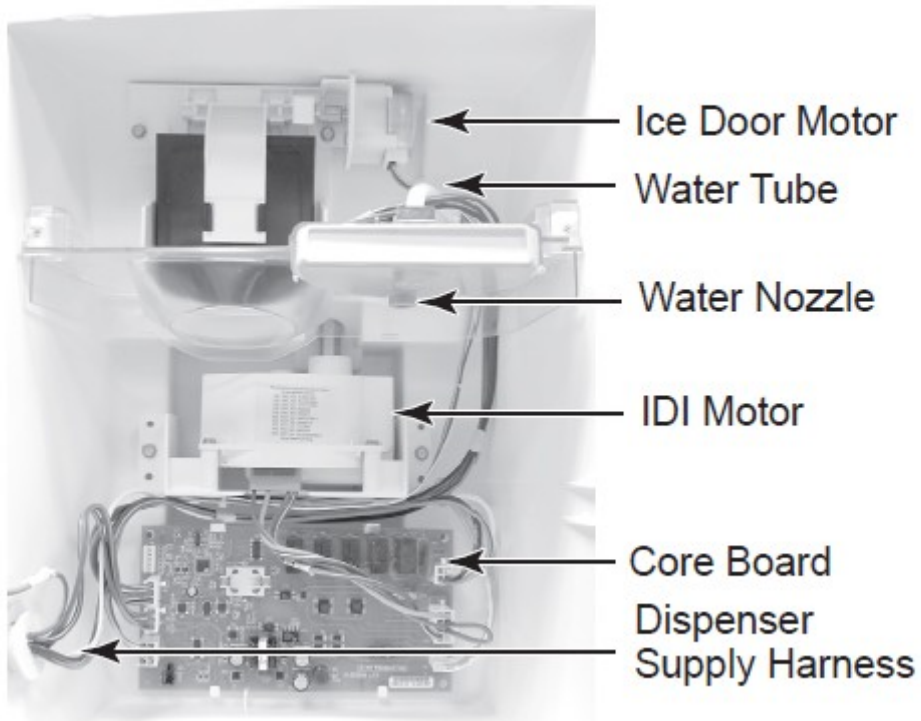
Water Nozzle

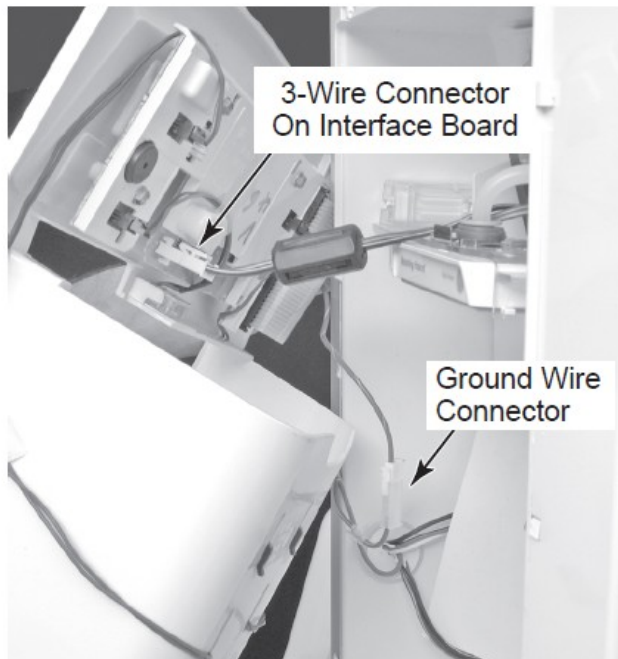IDI Motor

Core Board

Dispenser Supply Harness

1. Unplug refrigerator or disconnect power.

2. Pull the dispenser drip tray out as far as it will go, then press down to release the catch, pull the tray out all the way and remove it from the dispenser.

3. Remove the two screws from the dispenser cover assembly.

4. Pull out at the bottom, lift up on the dispenser cover assembly, and remove the assembly from the refrigerator door.

Water & Ice Dispenser Cover

5. Disconnect the dispenser cover 3-wire connector from the user interface board, and the ground wire connector from the ground wire harness.
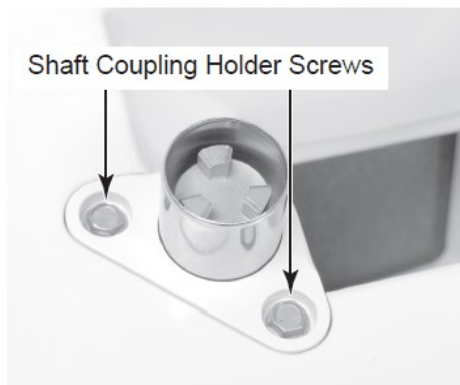
3-Wire Connector On Interface Board
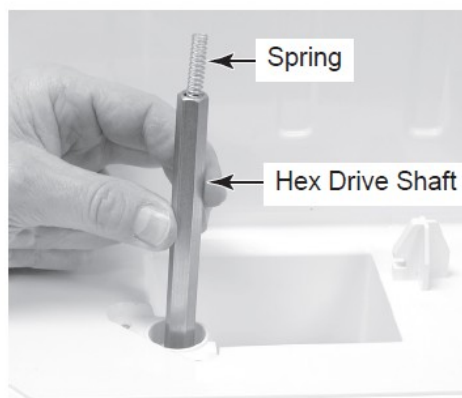
Ground Wire Connector

To remove the IDI motor:

a) Open the freezer door.

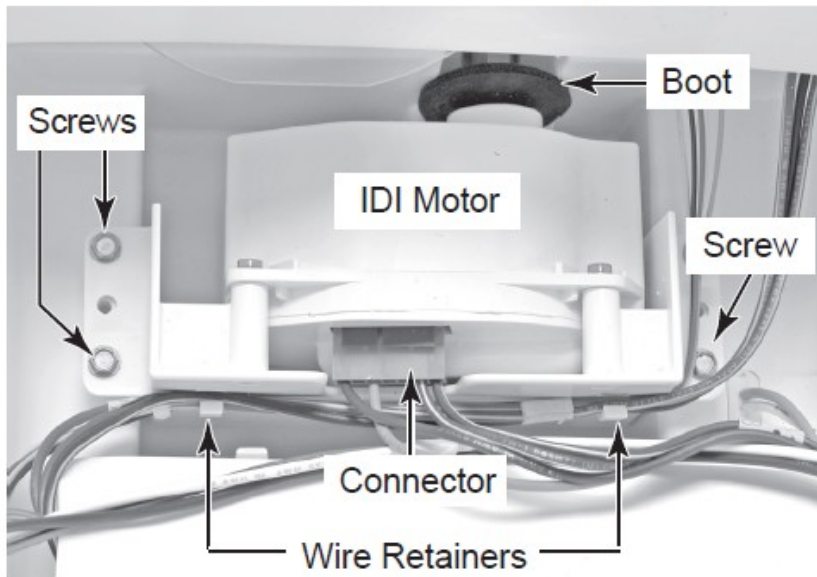b) Press in on the release button and re-move the ice bin from the door shelf.

Ice Bin Release Button

c) Remove the two screws from the hex drive shaft coupling holder and remove the coupling assembly.
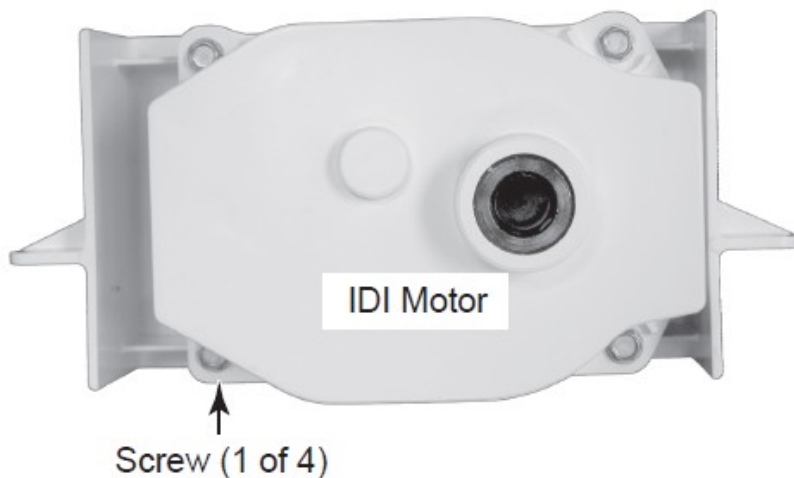
Shaft Coupling Holder Screws

d) Lift the spring and hex drive shaft up and out of the door.

Spring

Hex Drive Shaft

e) Remove the boot from the top of the IDI motor.

f) Disconnect the motor connector from the IDI motor.

g) Unclip the wires from the retainers under the IDI motor housing.

h) Remove the three screws from the IDI motor housing and remove the motor and housing from the dispenser.

Boot

Screws

IDI Motor

Screw

Connector

Wire Retainers

i) Remove the four screws from the IDI motor and remove the motor from the housing.

IDI Motor

Screw (1 of 4)

IDI MOTOR

Set the ohmmeter to the R x 1 scale.

Touch the ohmmeter test leads to the following motor connector pins:

Pins 1 and 2 = 10 to 15 Ω
Pins 4 and 5 = 220 to 270 Ω