



Electro-Voice®

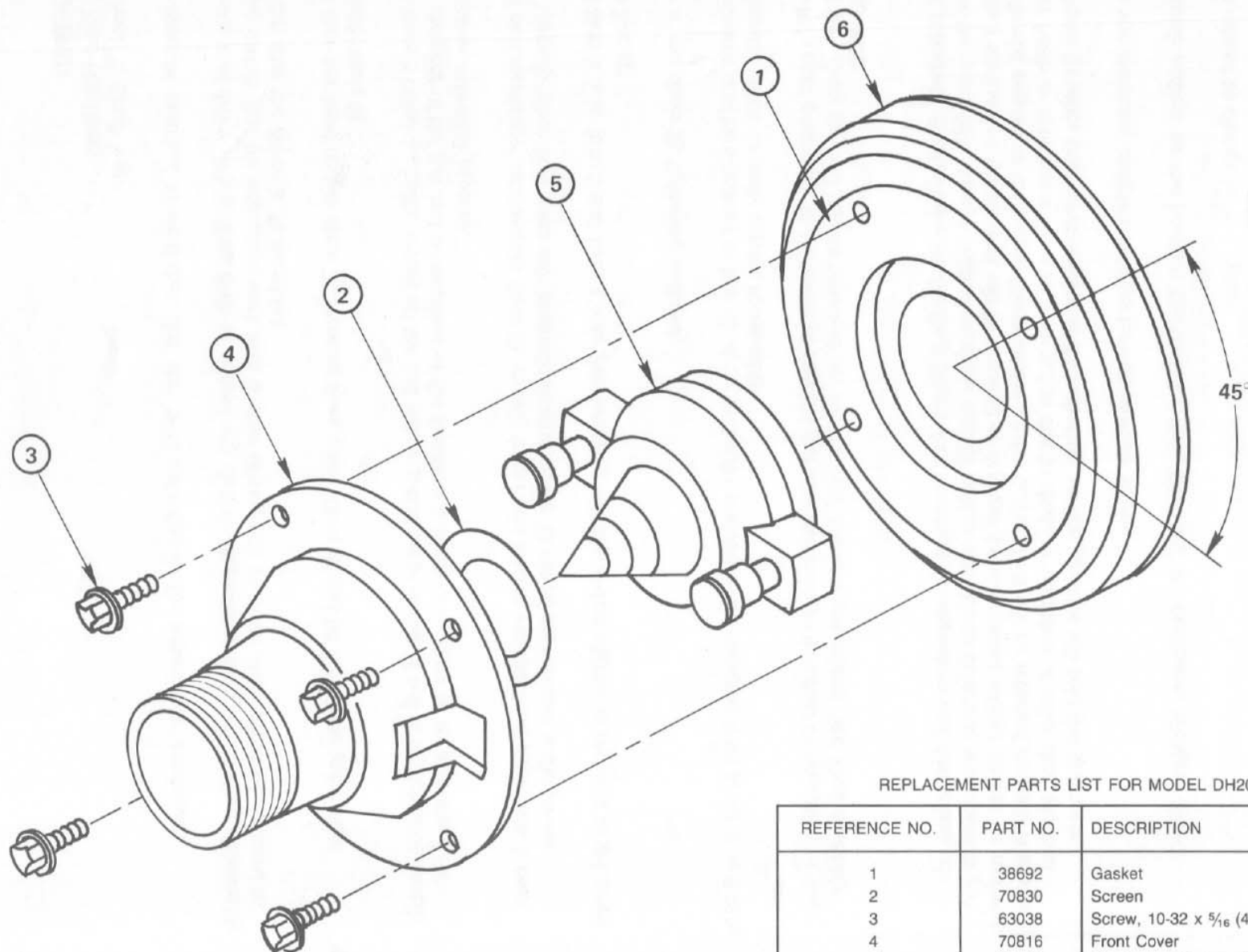
a MARK IV company

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SERVICE DATA

MODEL DH2010

PARTS LIST AND
DIAPHRAGM REPLACEMENT
INSTRUCTIONS



REPLACEMENT PARTS LIST FOR MODEL DH2010

REFERENCE NO.	PART NO.	DESCRIPTION
1	38692	Gasket
2	70830	Screen
3	63038	Screw, 10-32 x $\frac{5}{16}$ (4)
4	70816	Front Cover
5	81357	Diaphragm System Assembly
6	89550	Magnetic Structure Assembly

MODEL DH2010
DIAPHRAGM KIT
Replacement Instructions

TOOLS REQUIRED

$\frac{5}{16}$ Hex Head Nut Driver
Cotton Swab or Small Rag

NOTE: Care **must** be exercised to avoid dust, dirt, etc., from collecting on the replacement diaphragm.

1. Clean outside of driver with a damp cloth to remove any dust or magnetic particles, etc., before disassembly, and make certain that the immediate work area is clear of magnetic particles which might be attracted to the air gap after the driver is disassembled.
 2. Remove four hex head screws (Item 3), securing front cover, (Item 4) and lift out diaphragm system subassembly (Item 5).
 3. Visually inspect failed assembly, wiping off the coil with a cotton swab or rag. If coil is scratched or visually burned, cleaning of the gap and replacement of the ferrofluid is suggested: return to an authorized EV repair station; otherwise proceed.*
 4. Blow off new diaphragm subassembly (Item 5), visually inspect for foreign material, and place Item 1 over Item 5. Carefully place both parts into magnetic structure (Item 6) noting approximate angle shown.
 5. Replace Item 2 onto Item 5 and Item 4 onto this assembly, rotating system slightly as required to get screw holes to line up.
 6. Replace screws (Item 3), tightening uniformly.
 7. Check acoustic quality. Checking in free air at up to 2 volts sinewave while sweeping from about 2 to 5 kHz is an adequate check to verify correct re-assembly.
- * Note to EV repair personnel. In the event of possible gap contamination or ferrofluid deterioration or loss, blot out gap, clean gap and replace ferrofluid per current final assembly procedures. See Final Assembly Print 833-0922.

WARRANTY (Limited). Electro-Voice Professional Sound Reinforcement Loudspeakers and Accessories are guaranteed for five years from date of original purchase against malfunction due to defects in workmanship and materials. If such malfunction occurs, unit will be repaired or replaced (at our option) without charge for materials or labor if delivered prepaid to the proper Electro-Voice service facility. Unit will be returned prepaid. Warranty does not cover finish or appearance items or malfunction due to abuse or operation at other than specified conditions. Repair by other than Electro-Voice or its authorized service agencies will void this guarantee.

Electro-Voice also maintains complete facilities for non-warranty service.

Service and repair address for this product: Electro-Voice, Inc., 600 Cecil St., Buchanan, Michigan 49107.

Specifications subject to change without notice.