ELECTRIC TRAILER BRAKE PART IDENTIFICATION

Manufacturer Identification

AL-KO	AL-KO levers are very flat. The brake shoes do not have anything unusual about them. AL-KO uses only one return spring at the top on both 10 and 12-inch units. With the drum off, you can tell what size the system is if the magnets have never been replaced. The 10-inch brake will have a magnet with light green wires and the 12-inch brake will have white wires.
Dexter	Dexter uses a stamp on the back of the backing plate that identifies the size of the brake. Looking on the back side you will see a triangle. Around the triangle you will see Dexter and the size (i.e. 10" X 2 1/2" or 12" X 2"). Dexter uses 2 return springs on all late model brakes; some early 12-inch brakes used a single return spring.
Hayes	Hayes brake shoe webs have a tooth that hangs down at the top and use a single return spring. Early 12-inch brakes used a dual return spring. Hayes axle is owned by AL-KO. AL-KO backing plates have been seen on some of the new Hayes axles. It looks as if they are still using the Hayes name and are starting to use AL-KO parts.
Fayette	Fayette axles are obsolete. If you find a Fayette axle tag and the trailer is worth keeping you should consider changing the axles to AL-KO or Dexter. At that time it is recommended that the spring hangers and bushings also be replaced.

Brake Size Identification

Axle Identification	Axles generally have an ID tag located on the axle crossbar that gives you the axle capacity. Check there first. This would give you a starting reference point.
Brake Drum / Shoe Size	Measuring is the same for all brands. Using a tape measure you can do a random measurement as to the diameter by measuring across the drum. If it is a 10-inch drum you will measure approximately 11 inches across for an outside measurement. The 12-inch brake will measure approximately 13 inches for an outside measurement. The drum would need to be removed to get the correct diameter and width.

Magnet Identification
Magnets can be identified by the color of the wire used

Dexter 7" X 1 1/4"	The magnets are round. Prior to April 1990 they had yellow wires, after 1990 the magnet has white wires. Replacement of magnets will need to be done in pairs and updated to the new magnet along with the lever. The early levers are weak and will bend and hang up as they wear.
Dexter 10" X 1 1/2"	The magnet wires for the early model round magnets are white and the late model oval magnets are yellow.
Hayes 10" X 1 5/8"	The magnet wires for the early model round magnets are red and the late model oval magnets are green.
AL-KO 10" X 2 1/4"	It will have light green wires.
Hayes 10" X 2 1/4"	The early model round will have red wires and the late model will have oval green wires.
Dexter 10" X 2 1/4"	It uses green wires.
Fayette 10" X 2 1/4"	The round magnets will have white wires (obsolete).
AL-KO 12" X 2"	It will have white wires.
Hayes 12" X 2"	The early model round magnet will have red wires, the late model will be an oval magnet with white wires.
Dexter 12" X 2"	It will have white wires.
Dexter Centerline 12" X 2"	The 4.5K axles will have red orange wires, the 6/7K axles will have red wires (obsolete for both sizes).

TECHNICAL INFORMATION IS CURRENT AS OF THE PRINTING OF THIS CATALOG. CONTACT TECHNICAL SERVICE FOR PERIODIC UPDATES.