


Registration No.	Number 00090		
Registration Date	September 27, 2011	Registration Category	Category 1

Name (Model, etc.)	AD Type Disc Brake		
Location	Hanyu City, Saitama Pref		
	Ai-museum (Brake Museum) AKEBONO BRAKE INDUSTRY CO., LTD		
Owner (Custodian)	AKEBONO BRAKE INDUSTRY CO., LTD		
Manufacturer (Company)	AKEBONO BRAKE INDUSTRY CO., LTD		
Year Manufactured	1978		
Reason For Selection	<p>Before the AD type brake was developed, all disc brakes in Japan relied on foreign technology. The AD type brake, however, was a product that Akebono Brake Industry Company, Limited developed on its own.</p> <p>The brake was structured to weld the pin slide with pressure into a mounting bracket which is made of lightweight, highly rigid steel plate. A mounting bracket required sophisticated design and production technology.</p> <p>The sliding part that was externally exposed was made into a pin slide, which was then covered with a rubber boot and made it into a tightly sealed structure. This design made it possible to solve the fixation problem of rusting due to conventional chloride damage.</p> <p>This brake design achieved light weight, low cost and low fuel consumption through extensive reductions in drag.</p> <p>Eight Japanese companies including TOYO KOGYO CO., LTD. and Toyota automobile, and the Big Three in North America adopted this brake for vehicles. This is the first time that overseas manufactures acknowledged Japan's unique, homegrown disc brake technology.</p>		
Registration Standard	2 - B		

Open/Closed to Public	Open to Public		
Photo			
Other useful information			