

World's first electric power steering for standard-size passenger cars

Registration No.	Number 00404		
Registration Date	September 29, 2026	Registration Category	Category 1

Name (Model, etc.)	Electric Power-Assisted Rack-and-Pinion Steering (EPS) for Standard-Size Passenger Cars, as Installed in the First-Generation NSX
Location	Haga-machi, Tochigi
	Honda Motor Co., Ltd.
Owner (Custodian)	Honda Motor Co., Ltd.
Manufacturer (Company)	Honda Motor Co., Ltd.
Year Manufactured	1990
Reason For Selection	This item is rack-assist electric power steering for standard-size passenger cars, which was installed in the first-generation NSX sports car released by Honda Motor Co., Ltd. in 1990. Compared to the hydraulic power steering used in traditional standard-size passenger cars, this technology takes advantage of its high degree of flexibility to provide steering assistance based on steering force, vehicle speed, and steering speed, thereby actualizing the desired performance. It is significant in that it was developed as a next-generation power steering system that also eliminates the need for engine power and conserves energy.
Registration Criteria	1-B (Shows a uniquely Japanese scientific or technological development from an international perspective.)

Open/Closed to the Public	Closed to the Public
Photos	Electric power-assisted rack-and-pinion steering (EPS) for standard-size passenger cars, as installed in the first-generation NSX  NSX
Other useful information	