



Q: Which Hutchinson products should I consider for engine mounts in Off-Highway equipment?

A: Hutchinson offers a wide selection of standard isolators that can be used for engine mounting in off-highway equipment. The products most commonly applied include:

[44000 Series](#)



[HR Series](#)



[22000 Series](#)



[Barry-Bond Series](#)



[500 Series](#)



[Industrial Conical Mount Series](#)



All of the isolators listed above have a successful history of being used in powertrain mounting applications for Off-Highway equipment, providing isolation of engine vibration while also controlling powertrain motion in response to chassis inputs and torque application.

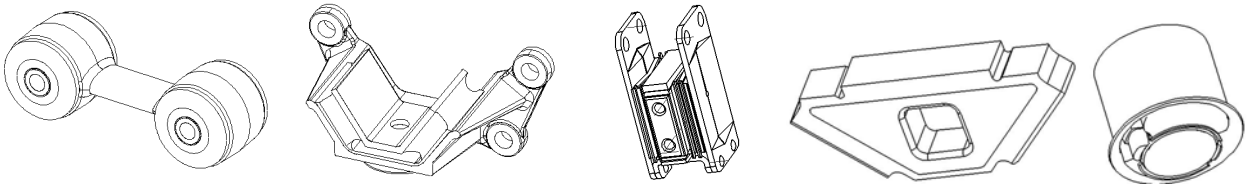
Common features in these product series that make them particularly suitable as powertrain isolators include:

- ***Robust designs with rubber loaded in compression for good load handling.***
 - *Pre-compressed elastomer in the 44000, 22000, and Barry-Bond series for enhanced durability and service life.*

- ***Progressive stiffening characteristics.***
 - *Low stiffness under small deflections for good powertrain isolation performance.*
 - *Increasing stiffness, snubbing, and/or positive stops at higher deflections to control powertrain motion.*
 - *Allows management of Fan-to-Shroud clearance and/or Powertrain-to-Chassis clearance.*
- ***Captive design configurations provide failsafe retention of the powertrain.***
- ***High axial-to-radial stiffness ratios found in the 44000 and HR series, can be employed for improved powertrain isolation performance in certain installations.***
- ***Broad range of static load carrying capacity with rated loads from 25lbs up to 4560 lbs per isolator.***
- ***Natural Rubber and Neoprene material options available as standard.***
 - *Both materials are general purpose, cost effective elastomers suitable for most ground vehicle engine mount applications.*
 - *Specialty materials available if required by the application.*

In addition to our standard products, Hutchinson can customize or develop a solution to meet the demanding requirements of your application. Engineering, design, and development of vibration isolation systems and rubber-to-metal isolators is our strength and we have a proven track record of delivering solutions to the most challenging problems.

Examples of Custom Designed Off-Highway Powertrain Mounts from Hutchinson



Types of Off-Highway Equipment Using Hutchinson Powertrain Isolators

Agricultural Equipment:

Tractors, Combines, Sprayers, Balers

Construction Equipment:

Excavators, Wheel Loaders, Track Loaders, Articulated Trucks, Dozers, Trenchers, Directional Boring Machines, Mining, Steer Loaders, Graders, Scrapers, Planers, Compactors

Forestry Equipment:

Forwarders, Harvester, Skidders

Material Handling Equipment:

Forklifts, Fork Trucks, Material Handlers, Telescopic Handlers (Telehandlers)

Groundskeeping Equipment:

Utility Vehicles, Compact Tractors, Turf Care Machines, Mowers, Landscape Tractors, Lawn Tractors

Auxiliary Equipment:

Generator Sets, Refrigeration Units, Pumps, Compressors, Oil Field Equipment