PLEWS & EDELMANN®

POWER STEERING HOSES, RACKS, PUMPS, GEARS, REPAIR KITS, COOLERS, FILTER, FLUID, ELECTRIC POWER STEERING BELT KITS, COUPLINGS, TORQUE SENSORS, TOOLS, AND TURBOCHARGER OIL LINES

THE TOTAL SOLUTION® IN POWER STEERING

THE TOTAL SOLUTION®

IN POWER STEERING

Fix the system, not just the part.

Plews & Edelmann® is a power steering manufacturer based in Dixon, Illinois. Our approach is simple: most warranty returns happen when a repair is left incomplete. A new pump on old hoses and dirty fluid is a comeback waiting to happen. So we build every part of the job from pump and rack to hoses, cooler, filter, and fluid.

THE COMPLETE REPAIR

1. **Flush the system**
2. **Replace all the hoses**
3. **Replace the hard parts**
4. **Replace or add a cooler**
5. **Add a filter**
6. **Refill the fluid**

INSIDE

Electric Power Steering **4** | Hard Parts **6** | Bundles **8** | Hoses **10** | Coolers **12** | Filter & Fluid **14** | Repair Kits & Turbo Lines **15**

BUILT BETTER. BACKED FOR A CENTURY.

When we say 100 years, we mean it. If our Edelmann Elite® parts are installed and maintained properly on the vehicle, we will honor the warranty for a full century. And it's not just calendar years we're talking about, but miles too. Our parts are guaranteed for up to 1,000,000 miles of dependable service. No vague "lifetime" claims here, just a straightforward promise consumers can count on.

EDELMANN ELITE

100 YEAR / 1,000,000 MILE WARRANTY

Applies to Edelmann Elite® products. Details at www.plews-edelmann.com/eewarranty

We can confidently offer an unprecedented warranty because we engineer our parts to such rigorous quality standards and durability testing that they are built to last. When someone chooses our parts, they are investing in the highest caliber manufacturing and engineering excellence. We stand behind our products that long because we can.

FIX THE REAL EPS REPAIR PROBLEM

A rack or column replacement can top $1,000 in parts alone. Many EPS failures are one worn part. Edelmann® belt kits, couplings, and torque sensors fix that part with common hand tools, for 50%+ less than a new rack, with no module re-flash.

DRIVE BELT KITS

Edelmann® Electric Rack and Pinion Drive Belt Replacement Kits offer a cost-effective solution for worn rack belts. Kits include all components for a thorough repair and a link to rack-specific installation instructions.

CHAMFER RING TOOLS

Our proprietary chamfer ring tools for belt-driven electric rack and pinion assemblies make EPS belt replacement easier and safer. These precision tools ensure efficient chamfer ring removal and installation.

COUPLINGS

Couplings are an essential component that transfer power from the motor to the steering mechanism in some EPS systems. Replacement couplings provide a cost-effective, easier-to-install alternative to replacing the hard part.

TORQUE SENSORS

Replacement torque sensors give technicians a cost-effective, targeted repair. Complete with mounting hardware, alignment marks, and installation tools, these replacement parts eliminate an unnecessary full rack replacement.

WHEN THE RACK IS THE PROBLEM, INSTALL NEW.

On column-assist EPS, the motor and torque sensor live on the column. The rack itself is mechanical. When it fails, put in a brand-new Edelmann Elite® non-programmable rack: 100% new construction, no programming, no core charge.

NON-PROGRAMMABLE RACKS

The motor, torque sensor, position sensor, and column coupler can almost always be serviced individually. We support that repair-first approach across the EPS line. When the rack itself is the failure — curb impact, internal wear, torn boot, bent shaft — that's when our non-programmable rack goes on the order.

50 SKUS. 38 MILLION U.S. VEHICLES COVERED.

The usual aftermarket answer for a failed column-assist rack is a reman core. Our answer is different: a brand-new non-programmable rack built to the same Edelmann Elite® standards as the rest of the program. Larger O.D. rack shaft, pre-installed bushings, metal dust caps, and strengthened internal geartrain.

SCAN HERE TO SEE MORE DIAGNOSTIC INFORMATION AND INSTRUCTIONAL VIDEOS

100% NEW 100% TESTED

Edelmann Elite® Racks, Pumps, and Gears

Every Edelmann Elite® rack, pump, and gearbox is **100% NEW**, never a reman core, so there are no core returns or core charges. Each one is engineered past the known OE failure points, then tested individually. Not a sample. Not a batch. **Every piece.**

WHAT EDELMANN ELITE OFFERS

- Hard parts that exceed OE specifications
- Premium-quality materials throughout
- Enhanced sealing technology
- Premium packaging that protects the part

6038PX (PART NUMBER) **260826** (BUILD DATE (YYMMDD)) **103** (DAILY TEST & BENCH NUMBER)

A standout feature is the unique Designated Numeric Asset® (DNA) identification number for complete product traceability. Each part receives a 100% test inspection report, confirming unparalleled quality and authenticity. This report verifies the precision of our new parts over remanufactured ones, reducing comebacks caused by deteriorated cores. Our test-verified excellence means greater satisfaction and eliminates warranty concerns.

RACKS

Vent tubes run inside the body, where road debris can't reach them and nothing can kink. A larger-diameter shaft stands up to heavy loads and towing. Hex inner tie rods need no proprietary tool to adjust alignment, and the bushings come installed.

PUMPS

Many arrive with the pulley (P), reservoir (R), or pipe (X) installed: no pulley tool in a tight bay, no reused O-ring. Inside, redesigned fluid passages keep the flow open, cutting cavitation noise and fluid starvation.

GEARS

Where OE pistons were prone to cracking under towing and heavy loads, the piston is larger, and where there is room, so are the teeth. Upgraded seals stop seepage past the pitman shaft seal and keep grit out. Centering lines reduce play from inaccurate installation.

HD GEARS

A tougher build and a thicker output shaft stand up to big tires, plow blades, and heavy loads, so the steering stays firm and the box stays sealed and tight, mile after mile.

REMOTE RESERVOIRS

Integrated filtration and a sealed housing that holds up to under-hood heat, with factory port and mount geometry. Clean fluid from the first mile.

BUNDLES

ONE BUNDLE NUMBER. THE WHOLE REPAIR.

Every component the job needs, matched to the vehicle.

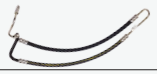
A power steering failure is rarely one part. Debris from a failed pump takes a new rack down with it. A new rack installed on a tired hose in the fall is back by spring. Plews & Edelmann® bundles replace everything the failure touched, in one visit, with components matched to work together. Look up the vehicle, and the whole repair is there under one number.

7,500+ BUNDLES AND GROWING

100,000+ VEHICLE APPLICATIONS

1 MANUFACTURER WITH EVERY COMPONENT

WHAT'S IN THE BUNDLE

	Pump
	Rack or Gear
	**Pressure Hose(s)**
	Return Hose(s)
	Cooler (when the application calls for it)
	Filter
	Fluid

Edelmann Analytics® maps each application down to the details a typical catalog never asks about: trim, chassis type, and whether a hydroboost brake system shares the pump. As new Plews & Edelmann® parts come to market, they join the bundles they belong in. We're the only aftermarket manufacturer offering all power steering components.

WHY BUNDLES

- Sell the repair, not the part
- Save time lost searching multiple catalogs
- One lookup, one number, one order
- No wrong parts. No incomplete repairs.

See More

HERO UNDER ZERO

Edelmann Elite® High Performance Power Steering Pressure and Return Hoses

The epitome of power steering hose innovation. Built with an enhanced HNBR rubber formulation and tested far past the standard, Edelmann Elite® hoses excel in extreme temperatures, from freezing polar vortex conditions to scorching heatwaves. Now Edelmann Elite reaches the return side too: fully assembled return line assemblies, routed and fitted, ready to install. Put an Elite hose on both sides of the repair.

10X **Corrosion Resistance -** Superior plating means that the hoses will last longer in environments where water, salt, and other corrosive agents are present.

5X **Impulse Durability -** Longer hose life due to increased pliability and resistance to embrittlement over time and temperature changes.

2X **Reduced Swelling -** The rubber material retains less fluid and cuts degradation by more than half.

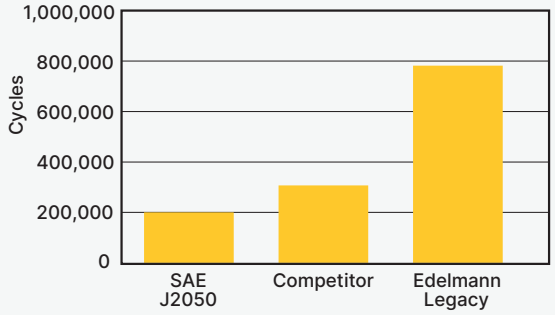
RATED -40° F TO +302° F

UNPARALLELED COMMITMENT

Edelmann Legacy® Power Steering Pressure and Return Hose Assemblies

With over 3,700 assemblies and new parts released continuously, Edelmann® offers the highest VIO coverage in the market. Every hose is built to our Committed to OEM Form, Fit & Function® standard: original-style fittings, restrictors, brackets, and switch sockets, so it goes in like the original. No adapters.

- Double lock beading with barbed tube ends
- Zinc-coated tubes resist rust and corrosion
- Silver heat guards and abrasion guards
- Movable mounting brackets, banjo locating tabs
- Edelmann Legacy® hoses more than doubled the competition on Hot Cycle Impulse Testing.



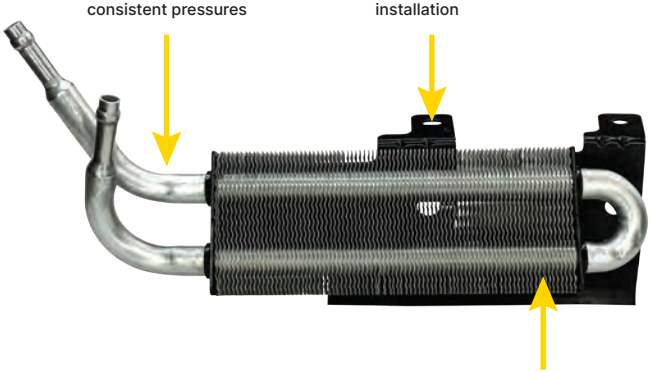
OE FORM, FIT, AND COOLING

Edelmann Elite® Power Steering Coolers

Every direct-fit power steering cooler is designed for specific applications. Edelmann Elite® coolers are built to the genuine OE specifications, with the original fin design and mount geometry, so they go back in exactly the way the old one came out. Heat kills a system. These coolers keep the fluid in range so any existing component or new part survives.

SINGLE TUBE CONSTRUCTION
Eliminates connection leaks and maintains consistent pressures

DIRECT REPLACEMENT BRACKETS
Guarantees a more accurate and easier installation



OE FIN DESIGN
Prevents road debris from damaging the tube and transfers heat more effectively

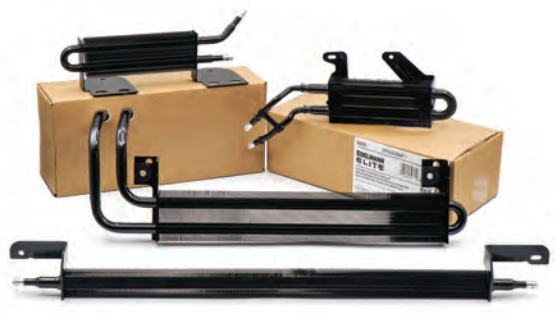
- Turbulators keep fluid at the OE-prescribed temperatures and pressures
- Low-carbon steel coolers are brazed and E-coated to resist rust and corrosion, preventing failure

Universal Cooler

Where the OE never equipped a cooler, add one. Universal coolers are a recommended addition to any application where towing, off-road, or racing demands place extra strain on the power steering. The Edelmann Elite® universal cooler brings OE quality to a universal application, available with sturdy adjustable brackets that mount virtually anywhere. Offered in 1/2" and 5/8" sizes, so cooling capacity can match the demand of the system.

UNIVERSAL KITS INCLUDE:
Hoses | Mounting Hardware | Hose Clamps

PRECISION OE COOLING, EVERY TIME.



PROTECT THE REPAIR

Edelmann Elite® Universal Power Steering Filter

NO. 70699

Patent No: US 12,110,069

One filter covers over 99% of vehicles with hydraulic power steering. Dual filtration, a stainless mesh screen plus an oversized magnet, catches the debris that kills a new pump.

- Interchangeable end fittings guarantee fitment on any power steering system with 3/8" (9.5mm), 1/2" (13mm), and 5/8" (16mm) return lines
- Higher-capacity filter removes more particulate
- Removable filter elements for cleaning instead of replacing

Edelmann Elite® Full Synthetic Power Steering Fluid

NO. 70694 & 70695

Universal full synthetic for most foreign and domestic cars and light trucks, safe to top off most power steering fluids. Rated -58° F to +400° F. Plus a dedicated Honda/Acura formula.

- Conditions seals and hoses to prevent leaks
- Minimizes pump squeal
- Resists corrosion and oxidation

Universal formula is not for Honda/Acura vehicles; use the Honda/Acura formula.

Always consult the vehicle manufacturer's fluid recommendation.

COMPATIBILITY

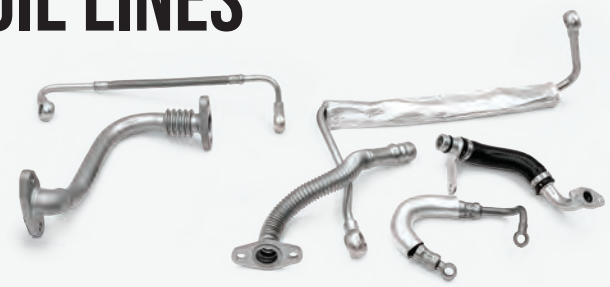
MSDS

POWER STEERING REPAIR KITS

Complete coverage for pumps, control valves, power cylinders, and steering gears. Choose complete rebuilding kits, seal replacement kits, or kits for specific parts.

- PTFE seals, rubber seals, O-rings, and washers
- Bearings, gaskets, and seals made to OE specifications

TURBOCHARGER OIL LINES



Over one-third of vehicles now leave the factory with a turbocharger. Edelmann® turbo oil lines cover over 29 million vehicles, from heavy-duty trucks to small compacts.

- Complete kits: feed or return lines, gaskets, fittings, and seals
- Fluorocarbon elastomers and furnace-brazed joints
- Fiberglass heat shielding against engine hot spots

The TOTAL SOLUTION In Power Steering

CLOSE THE LOOP.

One maker for every part in the system.
One complete job.

A comeback costs the shop its labor and hands the counter a return on a part that was never the problem. The likeliest comeback is the result of an incomplete repair. Replace the whole system with Plews & Edelmann® parts made to run together, and the job is done once.

ALL THE WAY DOWN THE CHAIN

- **THE DISTRIBUTOR**
  Keeps a satisfied account.
- **THE PARTS COUNTER**
  Avoids the return.
- **THE SHOP**
  Keeps the labor it already earned.
- **THE TECH**
  Closes the ticket the first time.
- **THE DRIVER**
  Never has to come back.

SCAN THE QR CODE FOR VIDEOS, PRODUCT BULLETINS, AND ONLINE CATALOG

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EDELMANN® EDELMANN ELITE EPS

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