

FAQs

What is X-1R Manual Transmission Treatment?

X-1R Manual Automatic Transmission Treatment is a liquid synthetic metal conditioner that reduces friction and wear in your Transmission. X-1R is non-hazardous, non-flammable and environmentally-friendly.

How do I use X-1R Manual Transmission Treatment?

X-1R Manual Transmission Treatment is specifically formulated and designed for use in all average size cars, RV's, 4WD, high cc motorbikes and light trucks. For optimum performance add one bottle, 240ml of Manual Transmission Treatment to your transmission fluid. Repeat at 20,000 kilometers or two years.

Can I use X-1R in all of my vehicles?

X-1R Manual Transmission Treatment can be used in all Manual gear boxes. X-1R has a range of products designed for different types of engines and vehicles. Visit www.x1r.com.my or call +603 4260 3852 for more information.

Will using X-1R Manual Transmission Treatment void my warranty?

X-1R is not listed on any void list from any manufacturer. Every manufacturer recommends a specific grade of lubricant for use in their vehicles or equipment; this grade classification is known as an A.P.I. rating (American Petroleum Institute). Lubricants have a certain performance limitation. The important thing to remember is the manufacturer is not concerned with the brand of lubricant you use as long as it has the proper A.P.I. rating recommended by the manufacturer. As long as the consumer is using the proper A.P.I. rated fluid, the warranties will not be voided by adding X-1R. X-1R is compatible with all A.P.I. - rated fluids.

Why do I need to use X-1R Automatic Transmission Treatment?

It is a fact that all oils, synthetic and mineral based deteriorate over time, producing sludge and other harmful contaminants which reduce the performance of your transmission. X-1R additives are scientifically proven to treat the metal not the oil. X-1R Proven Space Technology is formulated to stop foaming and fluid oxidation, improve performance, increase engine life, fuel mileage while protecting your Transmission from some of the highest temperature and pressure regimes in your vehicle.

Is X-1R Automatic Transmission Treatment compatible with all gear oils?

Yes, X-1R Manual Transmission Treatment is compatible with all other lubricants and additives both synthetic and mineral based. The X-1R Corporation cannot control or guarantee the condition or service of vehicles prior to using X-1R. The X-1R Corporation can guarantee that X-1R protects and out-performs any other friction reducing additive on the market. With proper maintenance of equipment and the use of the X-1R additives, equipment life will always be extended.

Why doesn't X-1R make the same claims P.T.F.E.-based lubricants?

Most P.T.F.E.-based lubricants claim they last 50,000 miles, this claim is a marketing gimmick. There is no evidence to support this outlandish claim. From an engineering point-of-view, the claim is completely groundless.

Why is X-1R Automatic Transmission Treatment superior to P.T.F.E.-based lubricants?

X-1R Manual Transmission Treatment is free of any particulates and is non-clogging. It does not modify the viscosity characteristics of the host oil. It treats the metal surface at the molecular level and reduces surface roughness and increases surface hardness. X-1R can withstand temperatures greater than 500oF/260oC without breaking down.

To what standards does X-1R conform?

All X-1R products conform to ASTM test procedures for fuel economy, compatibility and co-efficiency of friction standards.

Is X-1R Manual Transmission Treatment compatible with both regular and synthetic MTF?

Yes, Manual Transmission Treatment is safe to use and fully compatible with all Manual Transmission Fluid brands recommended by vehicle manufacturers, both petroleum-based and synthetic.

When do I need to use X-1R Manual Transmission Treatment?

Add X-1R Manual Transmission Treatment to new and old gear boxes at every gear oil change. X-1R Manual Transmission Treatment to remove the varnish build-up and moisture.

Can X-1R Manual Transmission Treatment fix any and all transmission shifting problems?

X-1R Manual Transmission Treatment is a preventive measure. Some transmission shifting problems can ONLY be solved by a transmission rebuild. If your shifting problems are being caused by sticking valve bodies or varnish and sludge build-up issues, you will benefit from X-1R Manual Transmission Treatment. If your transmission has leaking seals, worn or broken components then your only solution is professional repair. Use X-1R to prevent overheating and hardening of gaskets and seals.

Can I run X-1R Manual Transmission Treatment in my transmission fluid, instead of just before a transmission fluid change?

Yes, you can safely operate your transmission with X-1R Manual Transmission Treatment added as directed on the bottle, and it will continue to help keep transmission components clean.