

Troy Lee Designs®

RAID

ELBOW GUARDS
KNEE GUARDS

POWERED BY

D3O®



PRODUCT OWNERS MANUAL

CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT



LANGUAGES

ENGLISH - EN

GERMAN - DE

FRENCH - FR

ITALIAN - IT

SPANISH - ES

JAPANESE - JA

FINNISH - FI

PORTUGUESE - PT

DUTCH - NL

SWEDISH - SV

CHINESE - ZH

CZECH - CS

DANISH - DA

ESTONIAN - ET

GREEK - EL

LATVIAN - LV

POLISH - PL

ROMANIAN - RO

RUSSIAN - RU

SLOVENIAN - SL

Congratulations on your Troy Lee Designs Premium Protective gear purchase. Please take a few minutes to read the following information before using your protective gear.

WARNING!

Troy Lee Designs warrants all its products against defects in materials and workmanship for one year. Normal wear and tear, negligence, or improper care during the use of a product is not considered a defect. No warranty or representation is made as to this product's ability to protect user from any injury or death. The user assumes that risk. Protective Gear is built to assist in absorption of light impacts. It must be replaced after serious impact and should not be used if there are any cracks or broken plastic or torn material. Protective gear is intended to minimize injuries, but it does not guarantee complete protection against injury or death. Do not modify this protective product in any way as it would dangerously reduce its intended performance. This product conforms to CE standards only in the configuration originally sold by the manufacturer. Troy Lee Designs does not offer any warranty or representation of this product's ability to protect the user if pieces are removed. Only the pieces in original positions conform to the CE standard. Only official TLD replacement parts are recommended.

NOTE: The life expectancy for protective gear is two years from date of purchase without incident of impact. Do not place gear in high heat and extreme cold conditions. This will damage the product.

SIZES: Knees: S, M, L, XL -- Elbows: XS/S, M/L, XL/XXL

FITTING KNEE GUARDS: Take measurements 13 cm above the knee CENTER for Thigh measurement. Measurements should fall into one of the following size categories:

KNEE GUARDS	S	M	L	XL
THIGH CIRCUMFERENCE	32 - 37 cm	37 - 42 cm	42 - 47 cm	47 - 52 cm
*Measurement Instructions: Measure 13cm (about 5" or one hand width) above knee for Thigh Circumference				

The knee pad should not be loose in any area. Make sure there are no gaps between pad and leg, and the openings are snug. The kneepad foam padding shall be placed directly over the kneecap.

FITTING ELBOW GUARDS: Measure wrist circumference behind wrist bone for “wrist” and above the bicep at its smallest point for “upper bicep”. Measurements should fall into one of the following size categories:

ELBOW GUARDS	XS/S	M/L	XL/XXL
WRIST	15 - 17.5 cm	17.5 - 20 cm	20 - 22.5 cm
UPPER BICEP	25.5-30.5 cm	30.5 - 35.5 cm	35.5 - 40.5 cm
USER WEIGHT (LBS)	70 - 140	140 - 180	180 - 220
USER WEIGHT (KG)	32 - 63	63 - 82	82 - 100

The elbow pad should not be loose in any area. Make sure there are no gaps between the product and arm and that the openings are snug.

CLEANING INSTRUCTIONS: Rinse in water, do not wash. Do not dry clean nor bleach. Do not wring. Do not tumble dry. Do not iron. Drip dry. Do not clean your protective gear with anything but soap and water. Do not use any abrasive cleaners or pads. Do not use hot water or chemical cleaners or any solvents which contain petroleum based products like benzene or gasoline on your protective gear. Your protective gear can be weakened by these substances and may not provide its intended protection in an accident, which can result in serious injury or death. Do not use hair dryers or heaters to dry your protective gear.

INFORMATION – D30® EVO Pro X - SIZES

MODEL	Size of protection	Type of protection
EVO Pro X	TYPE A	E
EVO Pro X	TYPE A	K
EVO Pro X	TYPE A	S

USAGE : D30® protectors are designed for motorcyclists to protect against blunt impact. D30 protectors are type-tested and have been provided with an EU test certification by the SATRA TECHNOLOGY CENTER.

LIMITATION OF USE: Do not use at a temperature lower than -10°C or higher than 40°C. Temperature can change the impact energy absorption performance of the product.



WARNING!

THE PRODUCT WORKS WELL ONLY WHEN IN GOOD CONDITIONS AND CORRECTLY POSITIONED. NO PROTECTOR CAN GUARANTEE TOTAL PROTECTION!

Before using this product, make sure it is in good condition. If the product has any visible damage like cracks, unstitching or holes it shall be replaced.

THE COMPANY CANNOT ACCEPT ANY RESPONSIBILITY FOR DAMAGE/CONSEQUENCES DERIVING FROM INCORRECT USE OR FROM USE WITH ATTIRE NOT PREARRANGED OR NOT CORRECTLY ARRANGED FOR HOUSING THE PRODUCT.

In accordance with the present state of the art this product is free of harmful substances. RAID products have been developed to protect against the average blunt impact in accordance to the EN1621-1 standard. The retailer and manufacturer will be absolved of all liability in respect of any personal injury or other claims arising from the use of the products other than are intended, including unauthorized user modifications. D3O protectors cannot prevent injuries resulting from extreme impact forces, torsion, flexion or crushing. Do not use RAID protectors outside the atmospheric conditions they have been certified to.

STORAGE AND MAINTENANCE

STORAGE – Store in a dry, ventilated environment, out of sunlight and away from direct heat sources. Do not leave in the car or under heavy items – it may lead to the protector becoming deformed, ripped or damaged.

MAINTENANCE – Regular inspections (at least annually or in the event of a crash) should be made of the protector itself as well as the fitting system for obvious signs of wear or damage. If the protector is obviously worn or damaged, or if there is any doubt as to its condition, it should be replaced immediately. D3O insert may be flexed to facilitate installation and removal but should never be distorted or folded during use, storage or transport.

RISKS / PROTECTIVE LEVELS

These protectors, when used and worn correctly, can offer a limited protection against impact injury in the event of falls; they can limit abrasions or bruises (in the protected zones) caused by a fall when riding a motorcycle but can never guarantee a total safety. The level of protection remains as long as the protectors keep their original characteristics; therefore, it is important that no modifications be made.

CE Marking: Raid Knee Guards



EN 1621-1:2012



This CE symbol means that the product satisfies the health and safety requirements of annex II of the European Personal Protective Regulation (EU) 2016/425.



Motorcyclist's Protective Clothing Against Mechanical Impact

K/E/S TYPE A

Category and type of the protector(K-knee, E-elbow, S-shoulder)

2

Performance level 2 - transmitted force does not exceed 20kN

T-

Low temperature impact test - has been tested and certified at -10 C

EN 1621-1:2012

Number and year of the European Standard



Please carefully read the Owner's Manual

CE Marking : Raid Elbow Guards



EN 1621-1:2012



	This CE symbol means that the product satisfies the health and safety requirements of annex II of the European Personal Protective Regulation (EU) 2016/425.
	Motorcyclist's Protective Clothing Against Mechanical Impact
K/E/S TYPE A	Category and type of the protector(K-knee, E-elbow, S-shoulder)
1	Performance level 1 - transmitted force does not exceed 35kN
T-	Low temperature impact test - has been tested and certified at -10 C
EN 1621-1:2012	Number and year of the European Standard
	Please carefully read the Owner's Manual

The conformity to the provisions of European Personal Protective Regulation (EU) 2016/425 and the Personal Protective Equipment Regulations (Regulation (EU) 2016/425 as Brought into UK law and amended) has been verified through the EU-certification process and laboratory testing in accordance with the designated standard EN1621-1:2012 by:

Raid Knee:

CE 1621-1:2012, CE certificate and PPE (EU) 2016/425 on Raid Knee: Approved Body. No. 0598, SGS Fimko Oy P.O. Box 30 (Särkiniementie 3), 00211 Helsinki, Finland.

CE 1621-1:2012, CE certificate and PPE (EU) 2016/425 on Raid Elbow by:

Approved Body No.0120, SGS United Kingdom Limited Rossmore Business Park Ellesmere Port South Wirral Cheshire CH65 3EN

The product declarations of conformity can be accessed on: www.troyleedesigns.com/certifications/RAID

PERFORMANCE- D30 Raid Knee Guards

Laboratory tests revealed that the protector satisfies the requests of the harmonized standard EN 1621-1. The protection level is based on the impact force transmission performance.

D30® T5 EVO Pro X - Tested to EN 1621-1

