

# TYGRA<sup>®</sup>

BATTERIES



## AUTOMOTIVE CATALOGUE

LIGHT / HEAVY-DUTY / SPECIAL VEHICLES





# Brand Story



Since 1999, Tradex France is an automotive supplier of suspension and steering spare parts equivalent to the original for passenger vehicles.

Our commitment to Innovation is reflected in the constant desire to improve in the manufacturing processes and in the launch of new products. Above all, our excellent workforce is what gives us our competitive advantage.

**Tradex France Quality Guarantee.**  
Our manufacturing processes are designed to be as environmentally-friendly as possible. There is only one type of quality, the one which guarantees that the product performs the function for which it was designed.

Close to these customers, Tradex France puts a point of honor to process your orders and fulfill your requests all around the world. Quality control and monitoring of production is for us are core values of the proper functioning of our company.







ALPINE  
27  
AILE FLOCH

THE  
SLOW  
ROOM

SECURITEST  
CONTROL TECHNIQUE  
27

ALPINE  
ALPINE  
RACING

ERNOVA

TRADEX

roole



# TYGRA<sup>®</sup>

Découvrez la puissance de la batterie Tygra de chez Tradex, la référence en matière de performances pour votre voiture. Conçue avec une technologie de pointe, cette batterie offre une capacité exceptionnelle pour un démarrage fiable à chaque fois. Sa conception robuste et résistante aux vibrations assure une durabilité accrue, même dans les conditions de conduite les plus exigeantes. Grâce à sa grande capacité de démarrage à froid, la batterie Tygra est idéale pour affronter les hivers rigoureux. De plus, sa conception sans entretien simplifie son utilisation au quotidien. Optez pour la batterie Tygra de chez Tradex et profitez d'une performance inégalée pour votre véhicule.

Discover the power of the Tygra battery by Tradex, the benchmark for performance in your car. Designed with cutting-edge technology, this battery offers exceptional capacity for reliable starting every time. Its robust design and vibration resistance ensure increased durability, even in the most demanding driving conditions. With its high cold cranking capacity, the Tygra battery is ideal for tackling harsh winters. Additionally, its maintenance-free design simplifies everyday use. Choose the Tygra battery by Tradex and enjoy unparalleled performance for your vehicle.





# TYGRA®

La nouvelle batterie TYGRA pour tous vos véhicules.

The new TYGRA battery for all your vehicles.

Les batteries Tygra conviennent aux nouveaux véhicules ainsi qu'aux anciens modèles. Ces batteries bénéficient de performances exceptionnelles et proposent une ligne de batteries parfaitement adaptée aux besoins de tous les types de véhicules, avec un excellent rapport qualité-prix.

Tygra batteries are suitable for both new and old vehicle models. These batteries offer exceptional performance and provide a line of batteries perfectly adapted to the needs of all types of vehicles, with an excellent quality-price ratio.

Aucun entretien n'est nécessaire et la durée de vie des batteries est accrue. Les performances restent stables et sûres, et les batteries étanches sont fabriquées en Europe.

No maintenance is required, and the battery life is extended. The performances remain stable and safe, and the batteries are waterproof and manufactured in Europe.

Quelle que soit la batterie TYGRA que vous choisissiez, vous faites le bon choix. Vous optez pour une puissance de démarrage maximale, une alimentation constante en énergie et une fiabilité à 100%

No matter which TYGRA battery you choose, you are making the right choice. You are opting for maximum starting power, a constant supply of energy, and 100% reliability.

## ENCANDREMENT

### DESCRIPTION

Résiste aux vibrations.  
Vibration resistant.

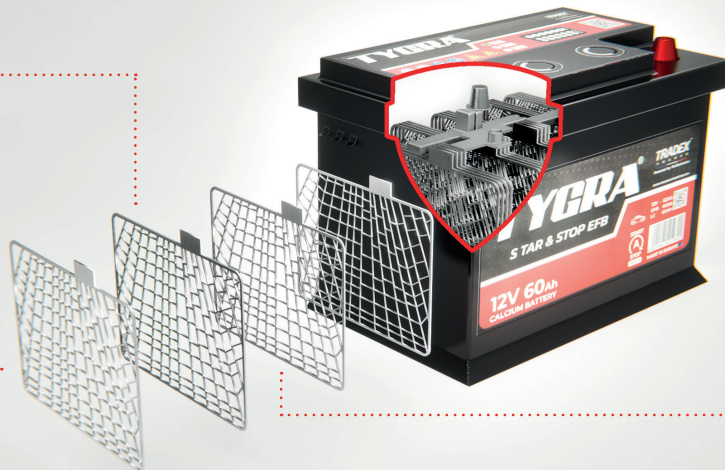
Pas de court-circuit.  
No Short-circuit.

## DESIGN RADIAL

### DESCRIPTION

Flux maximal de courant électrique.  
Maximum flow of electricity.

Recharge plus rapide.  
Charged more quickly.

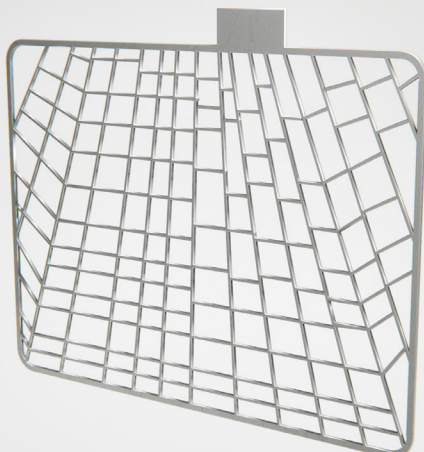


## STRUCTURE RIGIDE

### DESCRIPTION

Corrosion minimale des plaques  
Limited corrosion of the plates

Structure de plus haute qualité  
Highest quality structure



## UNE CONCEPTION SOLIDE

Sa construction robuste minimise la corrosion et empêche toute défaillance prématurée.

## STRUCTURALLY STRONG

Robust design minimizes corrosion and stop premature failure.

## TOUT EN PUISSANCE

TOUT EN PUISSANCE  
La batterie TYGRA optimise le flux de courant pour une puissance constante durant toute la durée de vie de la batterie.

## PATTERNED FOR POWER

TYGRA battery the flow of current for consistent power over the life of the battery.

# CLASSIC SERIES



Tradex Formula series is an extensive range of automotive batteries that adhere to all auto car park and OE specifications. It is specifically designed for average equipment vehicles that demand additional starting power, providing consistently high performance for extended periods of time.

## BENEFITS

- Original equipment (OE) quality product and specification.
- Utilizes advanced Ex-Metal Calcium technology for reliable starting power.
- Ensures high-level safety and longer lifespan with a built-in SMF labyrinth system for gas recombination.
- The range is available upon request with a standard Euro Kamina lid and reverse polarity.
- Available in a dry charge version, offering flexibility in charging and activation.
- Eco-friendly product that is 99% recyclable.

### RECOMMENDED FOR:

- Ideal compatibility with standard powertrain vehicles.
- Offers a comprehensive range of products for wide coverage of the EU car park.

### BATTERY CLASSIFICATION AS PER EN 50342 - 1,6:2015

Water Consumption	Charge Retention	Vibration Resistance	Endurance Level
W3	C2	V1	E1

# CLASSIC SERIES

## LIGHT VEHICLE BATTERY RANGE



Moderate  
Temperatures



Standard  
Equipment



Normal  
Driving



Sealed  
Maintenance  
Free



Life  
Expectancy



CCA  
Capability



### SPECIFICATIONS

TRADEX CODE	VOLT	PERFORMANCE		BOX	DIMENSIONS			TECHNICAL CHARACTERISTICS			
		C 20 (Ah)	CCA (EN)		L	W	H	LAYOUT	TERMI- NAL	WEIGHT KG	
TYGL1B50	12V	50Ah	420A	LB1	207	175	175	0		1	11.30
TYGL150	12V	50Ah	450A	L1	207	175	190	0		1	11.60
TYGL2B60	12V	60Ah	510A	LB2	242	175	175	0		1	13.00
TYGL262	12V	62Ah	540A	L2	242	175	190	0		1	14.30
TYGL266	12V	66Ah	640A	L2	242	175	190	0		1	14.80
TYGL3B70	12V	70Ah	640A	LB3	278	175	175	0		1	15.70
TYGL370	12V	70Ah	640A	L3	278	175	190	0		1	16.40
TYGL375	12V	70Ah	700A	L3	278	175	190	0		1	17.20
TYGL380	12V	80Ah	760A	L3	278	175	190	0		1	17.50
TYGL4B80	12V	80Ah	700A	LB4	315	175	175	0		1	18.00
TYGL590	12V	95Ah	780A	L5	353	175	190	0		1	21.40
TYGL5001	12V	100Ah	900A	L5	353	175	190	0		1	22.80

# THE FUTURE - AGM



Over the next few years, approximately 80% of recently produced automobiles will come equipped with a Start-Stop mechanism aimed at curbing fuel consumption and minimizing CO2 emissions. This system works by automatically shutting off idling engines.

Assisting Start-Stop systems is just one of the essential functionalities demanded from batteries as modern vehicles are being outfitted with a growing array of power-intensive luxury components.

These include advanced navigation systems, multifunctional displays, wireless connectivity, and seamless integration with smartphones.

## BENEFITS

- Manufactured to meet original equipment (OE) quality standards and specifications
- Specifically designed and developed for vehicles equipped with advanced Start-Stop systems that incorporate regenerative braking for energy recovery
- Ensures significant fuel savings and a reduction in CO2 emissions
- Demonstrates a cycle life that is five times superior to conventional batteries
- Provides the highest cold cranking amperes (CCA), enabling reliable engine starts even in extreme climates, while maintaining full functionality of all vehicle features
- Incorporates AGM VRLA technology (Valve Regulated) to ensure the highest level of safety
- Boasts an extended shelf life
- Environmentally friendly product that is 99% recyclable

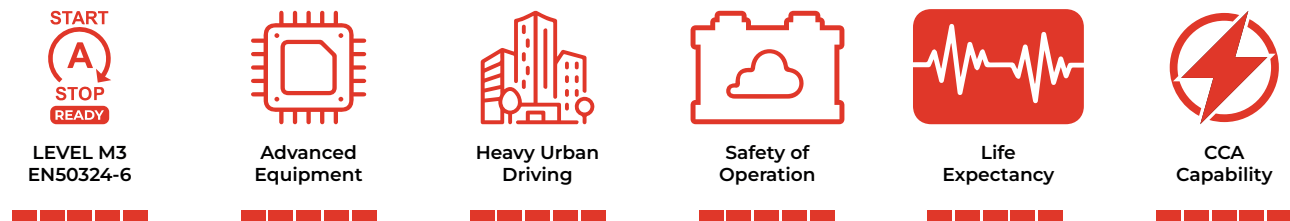
### BATTERY CLASSIFICATION AS PER EN 50342 - 1,6:2015

Water Consumption	Charge Retention	Vibration Resistance	Endurance Level	Micro-cycle Performance
W5	C2	V3	E3	M3



## AGM - SERIES

### LIGHT VEHICLE BATTERY RANGE



#### «RECOMMENDED FOR:

- Micro Hybrid & Mild Hybrid (MHEV) with start-stop systems
- Particularly suitable for larger vehicles such as cars, SUVs, vans, and other modern vehicles equipped with start-stop systems and power-demanding electrical devices
- Provides extensive coverage for a wide range of vehicle models with a limited number of product variants
- Offers an optimal solution for efficient operation even under partial state of charge conditions»

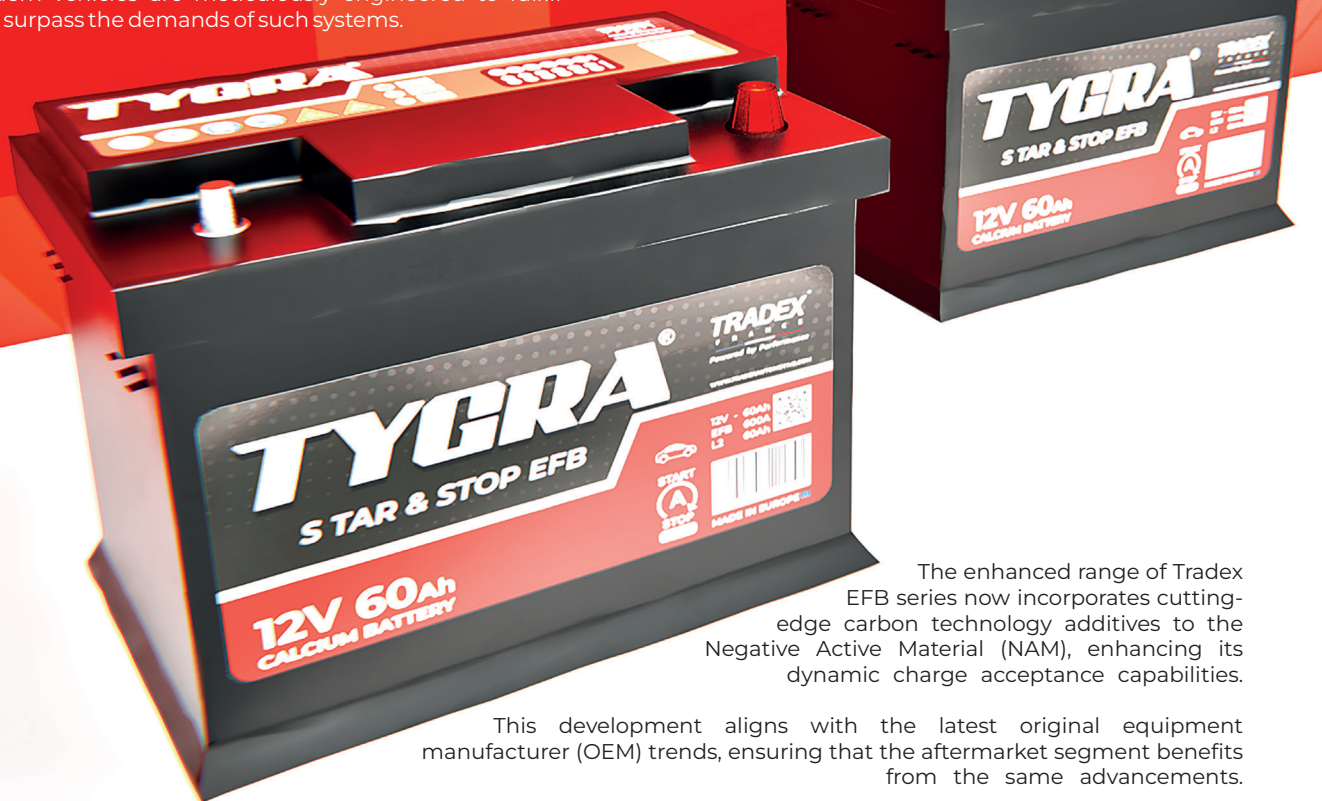
#### SPECIFICATIONS

TRADEX CODE	VOLT	PERFORMANCE		BOX	DIMENSIONS			TECHNICAL CHARACTERISTICS			
		C 20 (Ah)	CCA (EN)		L	W	H	LAYOUT	TERMINAL	WEIGHT KG	
TYGL2AGM	12V	60Ah	680A	L2	242	175	190	0		1	16.80
TYGL3AGM	12V	70Ah	760A	L3	278	175	190	0		1	19.50
TYGL4AGM	12V	80Ah	800A	L4	315	175	190	0		1	21.90
TYGL5AGM	12V	95Ah	850A	L5	353	175	190	0		1	24.90
TYGL6AGM	12V	105Ah	950A	L6	393	175	190	0		1	28.70

# NEW EFB GENERATION

EFB technology has rapidly emerged as the preferred option for a majority of vehicle manufacturers implementing entry-level Start-Stop systems.

Modern vehicles are meticulously engineered to fulfill and surpass the demands of such systems.



The enhanced range of Tradex EFB series now incorporates cutting-edge carbon technology additives to the Negative Active Material (NAM), enhancing its dynamic charge acceptance capabilities.

This development aligns with the latest original equipment manufacturer (OEM) trends, ensuring that the aftermarket segment benefits from the same advancements.

## BENEFITS

- Manufactured to meet original equipment (OE) quality standards and specifications
- Specifically designed and developed for vehicles equipped with entry-level Start-Stop systems
- Demonstrates a cycle life that is four times superior to conventional batteries
- Incorporates carbon technology additives in the Negative Active Material (NAM), resulting in exceptional dynamic charge acceptance
- Offers high-level reliability for demanding urban driving conditions characterized by frequent stops and short distances
- Equipped with a built-in charge level indicator, the MAGIC EYE, for convenient monitoring
- Environmentally friendly product that is 99% recyclable

### RECOMMENDED FOR:

- Micro Hybrid vehicles equipped with entry-level Start-Stop systems
- Provides extensive car park coverage for European (EU) and Asian models. The range includes 10 types of DIN and JIS sizes.
- Offers ideal compatibility with standard powertrain vehicles that frequently undertake short journeys
- Represents the optimal solution for efficient operation even under partial state of charge conditions

### BATTERY CLASSIFICATION AS PER EN 50342 - 1,6:2015

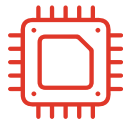
Water Consumption	Charge Retention	Vibration Resistance	Endurance Level	Micro-cycle Performance
W4	C2	V2	E2	M2

## EFB - SERIES

### LIGHT VEHICLE BATTERY RANGE



LEVEL M2  
EN50324-6



Advanced  
Equipment



Heavy Urban  
Driving



Sealed  
Maintenance  
Free



Life  
Expectancy



CCA  
Capability



## SPECIFICATIONS

TRADEX CODE	VOLT	PERFORMANCE		BOX	DIMENSIONS			TECHNICAL CHARACTERISTICS			
		C 20 (Ah)	CCA (EN)		L	W	H	LAYOUT	TERMI- NAL	WEIGHT KG	
TYGL260EFB	12V	60Ah	600A	L2	242	175	190	0		1	16.00
TYGL370EFB	12V	70Ah	680A	L3	278	175	190	0		1	18.90
TYGL4BEFB	12V	78Ah	750A	L4B	315	175	190	0		1	19.60
TYGL4EFB	12V	80Ah	760A	L4	353	175	190	0		1	21.90
TYGL5EFB	12V	90Ah	850A	L5	353	175	190	0		1	25.00

# THE ASIA SERIES



Tradex Formula series is an extensive range of automotive batteries that adhere to all auto car park and OE specifications. It is specifically designed for average equipment vehicles that demand additional starting power, providing consistently high performance for extended periods of time.

## BENEFITS

- Original equipment (OE) quality product and specification.
- Utilizes advanced Ex-Metal Calcium technology for exceptional starting power.
- Ensures high-level safety and longer lifespan with a built-in SMF labyrinth system for gas recombination.
- Designed and developed to cater to the complete international auto park of European and Asian car models.
- Offers a comprehensive range of DIN and JIS sizes, including a HIGH HEAT Technology variant for tropical markets.
- Features a built-in charge level indicator - MAGIC EYE.
- Eco-friendly product that is 99% recyclable.

### RECOMMENDED FOR:

- Designed and developed for vehicles with average to high power demands.
- Ideal compatibility with moderate powertrain vehicles for everyday driving.
- Offers a comprehensive range with 58 models, providing coverage for approximately 99% of the auto park.

### BATTERY CLASSIFICATION AS PER EN 50342 - 1:2015

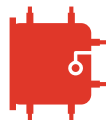
Water Consumption	Charge Retention	Vibration Resistance	Endurance Level
W4	C2	V1	E1

## ASIA - SERIES

### LIGHT VEHICLE BATTERY RANGE



Extreme  
Temperatures



Moderate  
Equipment



Normal  
Driving



Sealed  
Maintenance  
Free



Life  
Expectancy



CCA  
Capability



### SPECIFICATIONS

TRADEX CODE	VOLT	PERFORMANCE		BOX	DIMENSIONS			TECHNICAL CHARACTERISTICS			
		C 20 (Ah)	CCA (EN)		L	W	H	LAYOUT	TERMI- NAL	WEIGHT KG	
TYGB19	12V	35Ah	300A	L2	196	134	226	0		1	9.00
TYGB19T	12V	35Ah	300A	B19 TALON	196	134	226	0		1	9.00
TYGB19X	12V	35Ah	300A	B19G	196	134	226	0		1	9.00
TYGB24	12V	45Ah	380A	B24	237	134	226	0		1	10.80
TYGB24X	12V	45Ah	380A	B24G	237	134	226	0		1	10.80
TYGD26	12V	70Ah	600A	D26	269	173	218	0		1	17.10
TYGD26X	12V	70Ah	600A	D26G	269	173	218	0		1	17.10
TYGD31	12V	95Ah	800A	D31	303	175	227	0		1	21.00
TYGD31X	12V	95Ah	800A	D31G	303	175	227	0		1	21.00
TYGXV31MF	12V	100Ah	820A	XV	330	172	240	0		1	23.20
TYGDC24MF	12V	80Ah	700A	GR24	257	172	220	0		1	18.60
TYGDC27MF	12V	90Ah	780A	GR27	302	172	220	0		1	20.80
TYGDC31MF	12V	100Ah	820A	GR31	330	172	240	0		1	23.30
TYG- GR31-1000	12V	100Ah	1000A	BCi31	330	172	240	0		1	24.80





## BENEFITS

- Original equipment (OE) quality product and specification
- Designed & developed for vehicles with advanced Start-Stop systems with regenerative braking for energy recovery
- Ensuring fuel saving and reducing CO2 emissions
- 5 times better cycle life compared to conventional batteries.
- Highest cold cranking amperes (CCA) enables engine starts even in extreme climates while keeping all features functioning
- Highest Level of safety by AGM VRLA technology (Valve Regulated)
- Long shelf life
- Eco Friendly Product and 99% Recyclable

### RECOMMENDED FOR:

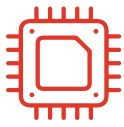
- Micro Hybrid & Mild Hybrid (MHEV) with start-stop systems
- Ideal for large cars, SUVs, vans and all modern vehicles with Star-Stop systems and power-hungry electrical items
- Wide car park coverages from limited number of SKUs
- Optimal solution for partial state of charge operation

### BATTERY CLASSIFICATION AS PER EN 50342 - 1,6:2015

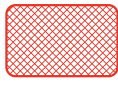
Water Consumption	Charge Retention	Vibration Resistance	Endurance Level	Micro-cycle Performance
W5	C2	V3	E3	M3



## HEAVY DUTY - SERIES



Advanced Equipment



Casted Grids



Hard Track



High Cycling Durability



Long Distance Driving



Life Expectancy



CCA Capability

### SPECIFICATIONS

TRADEX CODE	VOLT	PERFORMANCE		BOX	DIMENSIONS			TECHNICAL CHARACTERISTICS			
		C 20 (Ah)	CCA (EN)		L	W	H	LAYOUT	TERMINAL	WEIGHT KG	
TYG110HB0	12V	110Ah	800A	60528	345	173	212	0		1	26.50
TYG110HB1	12V	110Ah	800A	60528	345	173	212	0		1	26.5
TYG110HB3	12V	110Ah	720A	MAC110	509	175	182	3		1	31.10
TYG125H	12V	125Ah	800A	62512	345	173	263	0		1	31.80
TYG143H	12V	143Ah	850A	A	513	189	194	3		1	35.60
TYG135H	12V	135Ah	850	MAC110	509	175	182	3		1	33.30
TYG135HB3	12V	135Ah	850	MAC110	509	175	182	4		1	33.30
TYG150H	12V	150Ah	1000A	MAC110	509	175	182	3		1	36.90
TYG170HB0	12V	170Ah	1050A	B	512	223	194	3		1	42.70
TYG170HB3	12V	170Ah	1050A	B	512	223	194	4		1	42.70
TYG180H	12V	180Ah	1100A	B	512	223	220	3		1	43.30
TYG190H	12V	190Ah	1200A	B	512	223	220	3		1	43.30
TYG200H	12V	200Ah	1200A	C	518	273	214	4		1	52.70
TYG225H	12V	225Ah	1300A	C	518	273	214	3		1	56.10
TYG110H	12V	110Ah	740A	D7	282	269	208	3		1	30.80
TYG135SMF	12V	135Ah	850A	MAC110	509	175	196	3		1	33.30
TYG140SMF	12V	140Ah	850A	A	507	188	200	3		1	35.60
TYG150SMF	12V	150Ah	950A	B	513	222	194	2		1	93.60
TYG180SMF	12V	180Ah	1050A	B	513	222	194	3		1	43.10
TYG200SMF	12V	200Ah	1200A	C	517	275	214	3		1	52.70
TYG225SMF	12V	225Ah	1300A	C	517	275	214	3		1	56.10







**TRADEX**  
F R A N C E

**TRADEX FRANCE**

Zac de la vilette aux Aulnes

5, Rue Galilée

77290 Mitry-Mory, France

Tel (+33) 01 60 21 19 34

Fax (+33) 01 60 21 98 47

[www.tradexautomotive.com](http://www.tradexautomotive.com)

