

**piranha**<sup>®</sup>  
OFF ROAD PRODUCTS

# VEHICLE SUSPENSIONS



**EQUIPIT**

1300 040 311 ☎

# PIRANHA SUSPENSION



## LEAF SPRINGS

### 1. THINNED DIAMOND CUT LEAF ENDS

for optimal ride performance and less friction.

### 2. MILITARY WRAPS

for additional strength (where applicable).

### 3. BOLT CLIPS

to prevent separation of leaves in articulated situations.

### 4. ANTI-FRICTION LINERS

are installed between leaves to provide a consistent quiet and smooth ride.

### 5. ANTI-FRICTION LINERS

installed to clip liners to reduce noise and vibrations caused from the use of the spring.

## PARABOLIC 4X4 LEAF SPRINGS

The design of our Parabolic Leaf Spring allows for load carrying capabilities without compromising on comfort loaded or unloaded. Designed specifically with the recreational 4x4 user in mind providing a 2-inch lift, it is perfectly suited for a daily use vehicle and will provide more articulation for camping and off-roading on the weekend.



## 4WD SHOCK ABSORBERS

### ADJUSTABLE SHOCK ABSORBER

Piranha Off Road 4 Way Adjustable Gas Charged Shock Absorbers come with an alloy adjustable knob at the lower end of the body that allows you to configure your ride depending on your needs, so if your vehicles weight varies from day to day or you are after more refined dampening flexibility than an off the shelf shock absorber this is the shock absorber for you.

1. 18mm Hardened Chrome Shaft

2. Multi-Lip Seal

3. Teflon Wear Band

4. Sintered Piston

5. 57mm Outer Body

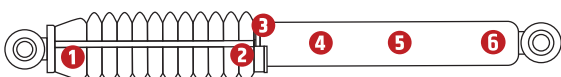
6. 35mm Bore-Twin Tube Nitrogen Charged

7. Alloy Adjuster Dial



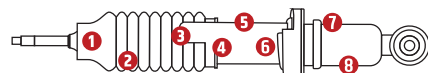
**SHOCK ABSORBER**

- 1. 18mm Hardened Chrome Shaft
- 2. Teflon Wear Band
- 3. Multi-Lip Seal
- 4. 57mm Outer Body
- 5. 35mm Bore-Twin Tube Nitrogen Charged
- 6. Sintered Piston



**FRONT STRUT**

- 1. 18mm Hardened Chrome Shaft
- 2. Teflon Wear Band
- 3. Multi-Lip Seal
- 4. 57mm Outer Body
- 5. 35mm Bore-Twin Tube Nitrogen Charged
- 6. Sintered Piston
- 7. Adjustable Spring Seat



# PIRANHA SUSPENSION

## CONTROL ARMS

- Built in caster & camber correction for raised vehicles
- Fixed position heavy duty greasable ball joint
- Powdercoated steel construction
- Built in provisions for relocating OEM ABS lines (where required)
- Available for Ranger, D-Max, Triton, Pajero Sport, Navara, BT-50, Hilux, Fortuner and Land Cruiser



## COIL SPRINGS

- Made in Australia of high-stress X51K spring steel
- Finished in high-quality epoxy powder coat
- Shot peened, scragged and load tested to prevent spring sag
- Heat treated and rolled at heat
- Available in a number of different load carrying and height options



## U-BOLTS

A very important part of the suspension on leaf spring vehicles are the u-bolts. These u-bolts effectively hold your leaf springs onto the differential housing, keeping everything together. It is important to replace the u-bolts when the springs are removed or replaced. U-bolts are made specific to your vehicle and spring combination and are finished with a zinc coating for superior corrosion resistance.



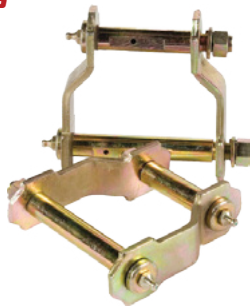
## POLYURETHANE LEAF SPRING BUSHES

Piranha Off Road recommends Polyurethane Bushes for use with our range of Shackles and Fixed Pins. Designed and manufactured in Australia, these bushes feature grooves for grease distribution and retention providing an extended life for all of the moving components.



## GREASABLE SHACKLES

Greasable swing Shackles are an important part of the leaf spring suspension system. They attach to one end of the spring allowing for the leaf spring to work through length changes during suspension articulation. Shackles are made of high-quality steel and are Zinc coated for superior corrosion resistance. By being greasable, they offer extended life. These are always best used with our Polyurethane Bushes.



## GREASABLE FIXED PIN

The Greasable Fixed Pin is used to attach the leaf spring to the vehicle at the opposite end to the swing Shackle. Our Greasable Fixed Pins are made of high-quality steel, then Zinc coated for superior corrosion resistance and greasable for extended life. These are always best used with our Polyurethane bushes.



## STRUT MOUNTS

Piranha Off Road offers replacement Strut Mounts for a wide range of vehicles, manufactured as a direct replacement to the original.



## TORSION BARS

Piranha Off Road Torsion Bars offer an increased rate over factory torsion bars, which will also deal with the additional accessories fitted to your vehicle.



## STEERING DAMPERS

The Steering Damper is the shock absorber of your steering. It is designed to dampen the shock load caused when your vehicle hits a hole or bump in the road, reducing the shimmy and vibration. Piranha Off Road offers high-quality foam cell Steering Dampers for a wide range of vehicles.





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OFF ROAD PRODUCTS

Quality Suspension kits to suit the following

- FORD EVEREST • FORD RANGER
- IZUZU DMAX • IZUZU MUX
- MAZDA BT50
- MITSUBISHI TRITON
- NISSAN NAVARA & PATHFINDER
- MITSUBISHI PAJERO INC SPORT
- NISSAN GU & GQ PATROL
- TOYOTA HILUX & PRADO
- TOYOTA LANDCRUISER

**QUOTE:**



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**EQUIPIT**

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