## **Driving Light Provision**

Exceptionally durable and secure, all ARB bars serve as an ideal platform to mount driving lights, helping ensure maximum performance and longevity. Driving lights mounted to a high quality bull bar prevents problems such as excessive movement, a vibrating beam pattern, premature bulb failure and eventual fatiguing of the light bodies.

# Steel Uprights

Each bull bar upright is cut from a single sheet of steel and extends from the top tube through to the bumper section and actually forms part of the bar to chassis mount. This process ensures the whole outer frame receives the maximum possible support. Cover straps are then welded onto each upright to ensure there are no exposed sharp edges.

#### **Recessed Indicators**

Most ARB deluxe bars feature indicators and optional fog lights for foul weather conditions. The recessed panels give both indicators and fog lights improved protection from branches and road debris.

# Air Bag Compatible

With an air bag equipped vehicle, it is essential that the vehicle's crush rate and air bag triggering are not altered when a bull bar is installed. ARB assesses each vehicle's frontal crush characteristics and replicates the crush rate into the design of each air bag compatible bull bar and its mounting system. This achieves maximum possible vehicle and passenger protection without affecting the crash

## Winch Compatibility

Mounting a winch to a vehicle requires a properly supported structure that is designed to accommodate the stresses of winching. When using a snatch block to increase winching capacity, the forces are multiplied to several times the rated capacity of the winch. Most ARB bars feature the option of fitting a winch, and all are designed and tested to endure and exceed such loads.

#### **CB Aerial Brackets**

The vast majority of ARB deluxe bull bars incorporate two CB aerial brackets welded behind the top cross tube. Custom fit, clamp on brackets are also available for additional antenna mounting.

# Split Pan Design

ARB's engineers give careful consideration to maintaining sufficient airflow to the vehicle's radiator. Utilising a split pan system, ARB's bull bar design ensures the radiator receives a massive amount of airflow and actually further increases the

# Wing Design

The furthest most point from the chassis and often the point of impact in an animal strike, the wing area is by far the most vulnerable. ARB pioneered the multi fold upswept and tapered wing design, which provides an enormous amount of strength and maintains an optimum approach angle.

#### Hi-Lift Jacking Points

ARB

Eliminating the need for a mounting bracket, Hi-Lift jacking points are integrated into the design of most ARB bull bars. These points also enable easier access to the clutch lever when unspooling wire rope before winching.

#### **Mounting System**

The mounting system is a vital part of any ARB bull bar design. ARB's mounting systems are specifically engineered to spread impact and winching loads evenly over the vehicle's chassis. This ensures the bull bar functions properly in extreme conditions.