

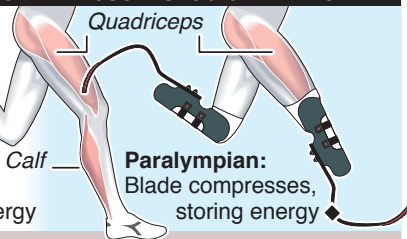
# Blade runner takes his place at Worlds

Double amputee Oscar Pistorius will fulfil a long-held dream when he lines up alongside able-bodied athletes in Daegu. The four-time Paralympic champion will race in the 400m after meeting the qualifying standard in July

## "CHEETAH FLEX-FOOT" VERSUS BIOLOGICAL LIMBS

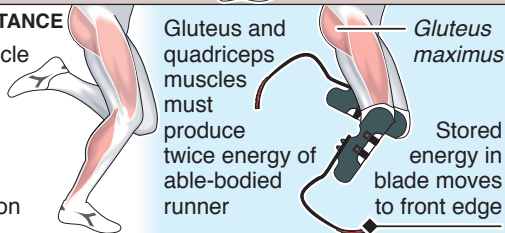
### 1. FOOT STRIKES GROUND

**Able-bodied runner:** Ankle, calf, knee and quadriceps absorb impact, storing energy



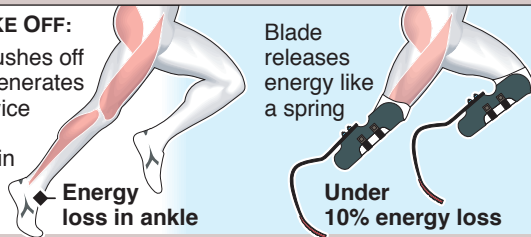
### 2. MID STANCE

Calf muscle begins to fire. All leg muscles provide locomotion



### 3. TAKE OFF:

Foot pushes off – leg generates over twice energy stored in first impact



**Socket:**  
Snug fit to leg

**Foot:** Carbon composite

**Spikes**

## RECORD COMPARISONS

	Time (seconds)		
Competition	400m	200m	100m
2009 Worlds gold, men	44.06	19.19	9.58
<b>Pistorius's records</b>	<b>45.07</b>	<b>21.58</b>	<b>10.91</b>
2009 Worlds gold, women	49.00	22.02	10.73