

JMB Manufacturing

Product Catalogue



spring return signposts
spring return guideposts
spring return lane dividers
spring return bollards
signpost accessories
solar bollards
solar light



JMB Manufacturing's objective is to design, develop and provide a range of environmentally sustainable road safety products that deliver ongoing cost savings to our customers.

We “walk the talk” by using sustainable environmentally friendly operating practices, sustainable materials and continually working toward a goal of zero environmental impact on our planet. All JMB products where possible are made from materials that are 100% recyclable, and therefore have no impact on land fill. This same philosophy is applied through all operating aspects of our company.

JMB products also deliver secondary sustainability benefits to help our customers lower their own environmental impact.

Benefits such as:

- Reduced Site Attendance - lowers replacement costs, reduces fuel consumption, reduces pollution and reduces the risk of worker harm by simply not being there
- Reduced Site Damage – means the yielding nature of the Spring Return Sign Post do not transmit large forces into the ground fixing. Sites do not need to be continually repaired
- Increased Road Safety – by reducing the damage potential to vehicles and drivers
- Reduced Power Usage - through utilising “off the grid” solar energy

INNOVATIVE ↔ SUSTAINABLE ↔ RECYCLABLE

LOOK AFTER THE PLANET!

JMB PRODUCTS ARE DESIGNED TO BE:100% RECYCLABLE WHERE POSSIBLE AND FUNCTION ONLY ON RENEWABLE ENERGY SOURCES



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What's New from JMB in the 2015/16 catalogue

This catalogue introduces JMB's new Generation 2 Spring Return product range, featuring our new Turn and Lock™ connection system.

JMB's new product ranges complements and expands the current range allowing the key features of the Spring Return System to be used in much wider range of market segments.

If after viewing this catalogue you have a custom requirement using one of our Spring Return Systems, please contact us and we will help.

New Product Lines include:

- Spring Return Roadside Guide Posts
- Spring Return Lane Divider Blades
- Spring Return Channeliser Posts

web site shop

JMB is now offering web based sales directly through our website to make it even easier to buy our products.

Also **NEW!** JMB has added a "product quick reference guide" section and a "complete products ready to use" section to our catalogue, so you can find what you are after quickly.

The Ready to Use product "kit" range will be progressively expanded and be mirrored on our website shop, delivering ultimate simplicity in selection and buying of our products.

Popular new products ready to use



Uses the “Turn and Lock” mounting system

GP170201 Spring Return Guide Post Kit

Order code includes:

- G2170201 - Guide Post
(includes 200 x 50mm red & white decals)
- GS001 - Turn and Lock Ground Spike

to install the ground spike

Add:
GS001J Jackhammer
Ground Spike Driving Tool

Add:
GS001G Manual Ground
Spike Driver Adaptor
(Adaptor to suit the manual driver)



to remove the ground spike

Add:
GS001F Spike Removal Tool
(to install the Ground Spike)



Uses the “Turn and Lock” mounting system

GP170203 Spring Return Guide Post Kit

Order code includes:

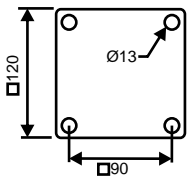
- G2170201 - Guide Post
(includes 200 x 50mm red & white decals)
- BP420 - Turn and Lock Surface Mount
Base Plate

to install

Add:
MK205 Surface Mount Kit -
Concrete Installations



BP420 Bolt Down Pattern



to complete the job

Add: LD002F End
Island End Segment
Female



Add: LD002M End
Island End Segment
Male



Uses the “Turn and Lock” mounting system

LD171201-YB Mid lane Divider Kit

Order code includes:

- G2171201-YB Spring Return Blade 750 x 187
(includes 750mm x 187.5mm decals both sides)
- LD001 - Mid Island Segment Yellow

Individual products can be found on pages 8 - 11

Popular new products ready to use

LRB001

Spring Return Bollard - Grey

Our Standard Bollard Post colour



Uses the TP100203 Red Spring SRS Base Unit

LRB002

Spring Return Bollard - Yellow

Yellow Bollard Posts incur a small additional powder coating charge.



Uses the TP100203 Red Spring SRS Base Unit

S012

15 LED Solar Bollard

Just Bolt down and activate.
No wiring or trenching required.



S020

Pole Mounted 48 LED Solar Light

Simply place on top of any
Ø60mm pipe and activate.
No wiring or trenching required.



Equivalent light output of a 40W incandescent bulb

Individual products can be found on pages 8 - 11

Popular spring return signposts with signs ready to use

SRS Post & Sign Assemblies - Plastic Posts



DP104203-R3-3A-L-FT
1.4m Plastic Post and R2-3A
Keep Left sign assembly

Order code includes:

DP104203 - Spring Return Signpost
Surface Mount – 1.4m plastic post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
R2-3A-L-FT Flexy -Tough Sign
Rectangle 600mm x 450mm (Class 1W
Reflective, Qld specification)



DP104203-TC9265-1-FT
1.4m Plastic Post and long
Keep Left sign assembly

Order code includes:

DP104203 - Spring Return Signpost
Surface Mount – 1.4m plastic post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
TC9265-1-FT Flexy -Tough Sign
Rectangle 1200mm x 180mm (Class 1W
Reflective, Qld specification)



DP104201-R3-3A-L-FT
1.4m Plastic Post and R2-3A
Keep Left sign assembly

Order code includes:

DP104201 - Spring Return Signpost
Socket Mount – 1.4m plastic post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
R2-3A-L-FT Flexy -Tough Sign
Rectangle 600mm x 450mm (Class 1W
Reflective, Qld specification)



DP104201-TC9265-1-FT
1.4m Plastic Post and long
Keep Left sign assembly

Order code includes:

DP104201 - Spring Return Signpost
Socket Mount – 1.4m plastic post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
TC9265-1-FT Flexy -Tough Sign
Rectangle 1200mm x 180mm (Class 1W
Reflective, Qld specification)

SRS Post & Sign Assemblies - Steel Posts



RP101203-6D-R3-3A-L-FT
1.4m Steel Post and R2-3A
Keep Left sign assembly

Order code includes:

RP101203 - Spring Return Signpost
Surface Mount – 1.4m steel post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
R2-3A-L-FT Flexy -Tough Sign
Rectangle 600mm x 450mm (Class 1W
Reflective, Qld specification)



RP101203-TC9265-1-FT
1.4m Steel Post and long
Keep Left sign assembly

Order code includes:

RP101203 - Spring Return Signpost
Surface Mount – 1.4m steel post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
TC9265-1-FT Flexy -Tough Sign
Rectangle 1200mm x 180mm (Class 1W
Reflective, Qld specification)



RP101201-R3-3A-L-FT
1.4m Steel Post and R2-3A
Keep Left sign assembly

Order code includes:

RP101201 - Spring Return Signpost
Socket Mount – 1.4m steel post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
R2-3A-L-FT Flexy -Tough Sign
Rectangle 600mm x 450mm (Class 1W
Reflective, Qld specification)



RP101201-TC9265-1-FT
1.4m Steel Post and long
Keep Left sign assembly

Order code includes:

RP101201 - Spring Return Signpost
Socket Mount – 1.4m steel post fitted
TD1 - 2 x single sided 1 piece Sign
Brackets
TC9265-1-FT Flexy -Tough Sign
Rectangle 1200mm x 180mm (Class 1W
Reflective, Qld specification)

SRS BASE UNITS

Simply fit your own post to our base!



RP100201
Blue Spring
Socket Mount Base Unit



RP100203
Blue Spring
Surface Mount Base Unit



DP100201
Black Spring
Socket Mount Base Unit



DP100203
Black Spring
Surface Mount Base Unit



TP100203
Red Spring
Surface Mount Base Unit

SRS SIGNPOSTS

Post and Base Supplied

RP101201
Spring Return Signpost
Socket Mount – 1.4m
(55") steel post fitted



RP101203
Spring Return Signpost
Surface Mount – 1.4m
(55") steel post fitted



DP104201
Spring Return Signpost
Socket Mount – 1.4m
(55") plastic post fitted



DP104203
Spring Return Signpost
Surface Mount – 1.4m
(55") plastic post fitted



TP140203
Spring Return Signpost
Surface Mount – 2.8m
(110") Steel Post Fitted



SRS ACCESSORIES

Installation Assistance



WIZ600

Wizard Socket

600mm long for softer soils
includes the WE001 locking wedge



WIZ450

Wizard Socket

450mm long for harder soils
includes the WE001 locking wedge



SA410A

Socket Mount Adaptor Kit

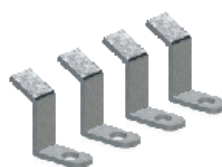
187mm long stub. Allows Red Spring Return Signposts to be fitted into socket mount locations. Includes all items pictured



MK203

Surface Mount Installation Kit

4 x 16 x 65 DYNA BOLTS, suitable for use with Surface Mounted Spring Return products



DB001

Detent Bracket Kit

Designed for Red Spring Base units (TP100203), detents provide increased resistance to initial movement, but do not prevent the normal operation of the Spring Return Base. Includes all items pictured



WE001

Locking Wedge



PC001

Galvanised Steel Post Cap

Suits 60mm OD or (2-3/8") signposts.



WIZ002

Wizard Socket Driver

Jack Hammer attachments can be arranged



TD1 - with hex bolt

TD1S - with trilobe anti-theft bolt
Single Sided One Piece Sign Brackets

Suits 60mm OD or (2-3/8") signposts.



FB1 - with hex bolt

FB1S - with trilobe anti-theft bolt
Two Piece Sign Bracket

Suits 60mm OD or (2-3/8") signposts.



TD2 - with hex bolt

TD2S - with trilobe anti-theft bolt
Double Sided One Piece Sign Brackets

Suits 60mm OD or (2-3/8") signposts.



TL001

Trilobe Key

Tightening tool for the anti theft bolts options.
Fits an 8mm AF socket

FLEXIBLE SIGN PANELS



FTB4001
Flexy Tough Sign Blank - 180 x 1200mm
(4mm Flexy Tough Material Qld specification)



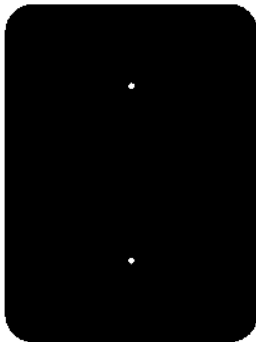
TC9265-1-FT
Flexy Tough Sign - 180 x 1200mm
(4mm Flexy Tough Material Class 1W Reflective Decal, Qld specification)



FTB4036
Flexy Tough Sign Blank - 100 x 1050mm
(4mm Flexy Tough Material Qld specification)



TC9265-2-FT
Flexy Tough Sign - 100 x 1050mm
(4mm Flexy Tough Material Class 1W Reflective Decal, Qld specification)

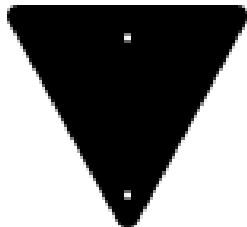


FTB4006
Flexy Tough Sign Blank - 450 x 600mm
(4mm Flexy Tough Material Qld specification)

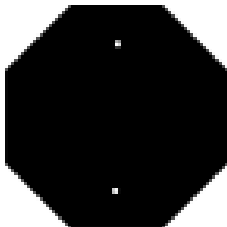


R2-3A-L-FT
R2-3A Flexy Tough Sign - 450 x 600mm
(4mm Flexy Tough Material Class 1W Reflective Decal, Qld specification)

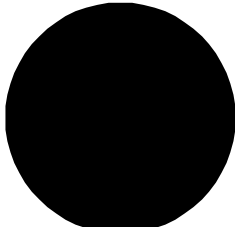
Minimum order of 10 blanks applies to sign panels below



FTB4021- Flexy Tough Sign Blank - 750mm
(Black 4mm Flexy Tough Material)



FTB4018 - Flexy Tough Sign Blank - 600 x 600mm
(Black 4mm Flexy Tough Material)



FTB4028- Flexy Tough Sign Blank 400mm
FTB4019- Flexy Tough Sign Blank 450mm
FTB4020- Flexy Tough Sign Blank 600mm
(Black 4mm Flexy Tough Material)

ROADSIDE DELINEATION

Roadside Delineation Applications!



G2170201
Spring Return Guide Post
includes 200 x 50mm red & white decals

Uses the Turn and Lock™ mounting



GS001
Turn and Lock™ Ground Spike
350mm long



BP420
Turn and Lock™ Surface Mount Base Plate



GS001G
Manual Ground Spike Driver Adaptor
(Suits GS001J)



GS001J
30mm Hex Jack Hammer Ground Spike Driving Tool
(Suits GS001)



GS001F
Ground Spike Removal Tool
(Suits GS001)

LANE DIVISION

Lane Division and Channelisation Applications!

G2171201-YB
Spring Return Blade 750 x 187
includes 750mm x 187.5mm decals both sides



Uses the Turn and Lock™ mounting system

LD001
Mid Island Segment - Yellow



Pre-fitted with the Turn and Lock™ mounting system

CUSTOM DECALS

Spring ReturnBlades can also be supplied with a custom decals of your choice or no decals. Please contact JMB and tell us your requirements



G2171201



G2171201-RW



G2171201-CD

LD002F
Island End Segment Female



LD002M
Island End Segment Male



Detailed Product Information pages

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Generation 2 (SRS) Spring Return Product Range

JMB has designed a totally **new** Generation 2 Patented Spring Return Base Unit which forms the core of our newest Spring Return product range

Generation 2 products are simpler lower cost yet still share all the same 360° recovery and realignment features of our proven steel SRS products. Tested to 100kmh there is no compromise on performance you expect from JMB products

The **new** Turn and Lock™ mounting system allows for repeated post removal and replacement in seconds, making them ideal for changeable applications while also reducing road crew exposure to traffic.

Generation 2 products are **low cost** and are aimed to fill the gaps in the market in which the current SRS product range does not cover like; Lane Division, Road Edge Delineation and Portable Signage Solutions

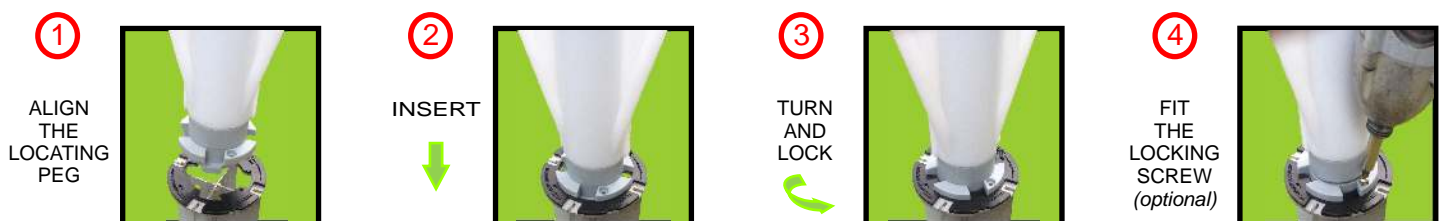


Key Features:

- Tested to 100 kmh
- Low Cost
- No Cables
- 360° self recovery
- Guaranteed realignment
- New “Turn and Lock” base connection system for quick removal and replacement
- Multiple Ground Connection Options
- Multiple Post Options - Fully Customisable

Turn and Lock™ Mounting System

One of JMB's smartest innovations is our newly developed TURN & LOCK™ base connection system. Simply stated posts can be removed and replaced in seconds hundreds of time.



Quick and Easy !

TURN & LOCK Key Features:

- Products can be removed and replaced in seconds.
- An optional simple locking screw ensures the post cannot accidentally release
- Inbuilt design features prevent incorrect insertion
- Products can be removed and replaced hundreds of times
- All products are completely Interchangeable with the different ground connection options

Turn and Lock™ is available on all Gen 2 SRS products

Spring Return Guide Posts

Successfully impact tested multiple times at 100kmh

Featuring Quick Post Changeovers using our "Turn and Lock™" Connection System

Spring Return Guide Posts (SRGP) use JMB's new patented Generation 2 base units as the engine for this tough and functional roadside delineator post. Unlike anything else on the market SRGP are spring based self recovering posts, sharing all the key features and toughness of our proven steel based Spring Return Signposts. SRGP will not flutter in the wind or lean over like Urethane knuckle based posts. The unique corrugated guide post design delivers a strong and resilient post. Corrugated posts have been impacted 50 times in testing and still remain serviceable. JMB's new "Turn and Lock" mounting system (*refer page 11*) provides for quick and simple post removal and replacement. The low ground spike means no potential dangerous steel in the air. It can even be mowed over!

Spring Return Guide Posts have been tested and comply to:

- Qld - MRTS14
- NSW - RTA QA Specification 3412
- WA - Specification 602
- SA - TP966, Part 280
- Vic - Section 709



**Turn and Lock
Spring Return Guide Post -**
Product Ref: G2170201

includes 200 x 50mm red & white decals

- 360° Impact Recovery
- No Residual Lean after Impact
- Resists Swaying in the wind
- 100% interchangeable between all "Turn and Lock™" ground connection options
- Inbuilt design features ensure posts can only be fitted in the correct orientation
- Optional Locking screw ensures the post cannot accidentally release
- Guide Posts can be removed and replaced in just a few seconds, hundreds of times

G2170201
product shown



GS001

Turn and Lock Ground Spike -
Product Ref: GS001

- 350mm in ground Depth
- Height above the ground 3mm
- Ground Spikes can be passed over with a mower
- Direction of traffic indicator for ease of installation
- Galvanised steel construction

Simple Installation Instructions can be downloaded from our website downloads page



BP420

**Turn and Lock Surface Mount
Base Plate -**
Product Ref: BP420

- Can be Bolted Down
- Can be Glued Down
- Height above the ground 15mm
- Direction of traffic indicator for ease of installation

Installation Instructions for this product and other products can be simply downloaded from our website
YouTube links to see the product in action can be accessed from our website or simply search "JMB Manufacturing"

Simple & Low Cost Driving Tools:

Our driveable "Turn and Lock" ground spike can be installed using the manual driving tool with a hammer or by adding our jack hammer driving attachment. Installation videos are available on our downloads page at www.jmbsignposts.com

GS001J

30mm Hex Jack Hammer
Ground Spike Driver

The GS001J Jackhammer Driver engages with the GS001 Ground Spike to be easily driven by a std 30mm Hex Jackhammer. The tool locks to the spike to prevent rotation.



GS001G

Manual Ground Spike Driver
Adaptor

Adding the GS001G Manual Drive Adaptor to the GS001J Jackhammer Driver allows for ease of driving with a sledge hammer or similar (*see picture to the right*)



Manual Driving Adaptor →

Jackhammer Driver →

Ground Spike →

Driving Assembly



ROADSIDE GUIDEPOSTS THAT RETURN TO VERTICAL AFTER IMPACT



Spring Return Lane Dividers

LANE DIVIDER BLADES THAT RETURN TO VERTICAL AFTER IMPACT

Featuring Quick Blade Changeovers using our Turn and Lock™ Connection System

Spring Return Lane Divider Blades are unique to the market and use JMB's spring based patented Generation 2 base as the self recovering engine of the product. Because Spring Return Blades are spring based they share all the key features and toughness of our proven steel based Spring Return Signposts. There is no need to compromise on Urethane based products.

Spring Return Blades are fitted with the industry standard 750mm x 187mm Class1 reflectors both sides, and use our Turn and Lock™ connection so they can be fitted and removed in seconds.

JMB's Rubber Island Segments are also supplied pre-fitted with the Turn and Lock™ connection system.

The Turn and Lock™ connection system provides a quick and simple removal and fitment method for the blades and can be used multiple times with out loss of function. Lane Divider blades are fully interchangeable with other Turn and Lock™ mounting options.



LD171201-YB
Mid Island Segment



Mid Lane Divider Kits are a complete unit supplied ready to install.

Mid Island segments are inclusive of the Spring Return Blade and the rubber Island base.

Components can also be purchased separately. Please refer to the images and descriptions on this page for individual items.

Rubber Islands come fitted with our Turn and Lock™ connection system.

Standard Product Ref:

The LD171201-YB Mid Lane Divider Kit Includes:

- G2171201-YB - Spring Return Blade 750 x 187 (includes 750mm x 187.5mm decals both sides)
- LD001 - Mid Island Segment Yellow

G2171201-RW



G2171201-CD



G2171201



G2171201 - Spring Return Blade 750 x 187 (No Decal)
Turn and Lock™ connection system

Material - PE
Mass - 1650g
Blade Size - 1050 x 234 x 50mm
Colour- **Orange**
Decal Size - 750 x 187.5mm
No of Decals Fitted - 2

Mid Island Segments are supplied ready to go, pre-fitted with the Turn and Lock™ connection system

Standard Product Ref:

LD001- Mid Island Segment Yellow
Material - Rubber
Mass - 15kg
Dimensions - 1120 x 250 x 90mm
Colour- **Yellow**



LD001

End Island Segment Female tapered to neatly finish the male end of the Divider Island

Standard Product Ref:

LD002F- Mid Island Segment
Material - Rubber
Mass - 7.5kg
Dimensions - 500 x 250 x 90mm
Colour- **Yellow**



LD002F

End Island Segment Male tapered to neatly finish the female end of the Divider Island

Standard Product Ref:

LD002M- Mid Island Segment
Material - Rubber
Mass - 7.5kg
Dimensions - 500 x 250 x 90mm
Colour- **Yellow**



LD002M

Blades can also be fitted to other Turn and Lock™ Mounting Options!



BP420
Surface Mount Base Plate
- Turn and Lock™ Connection
- Bolted or Glued Down
- Height above ground 15mm



GS001
Drivable Ground Spike
- Turn and Lock™ Connection
- 350mm in ground depth
- Height above ground 4mm

Spring Return Channeliser Posts

CHANNELISER POSTS THAT RETURN TO VERTICAL AFTER IMPACT

Spring Return Channeliser posts are another utility family member of the patented JMB Generation 2 spring return base unit range. Channeliser posts share all the same 360° impact recovering features and benefits of JMB's other Spring Return products.

Fitted with a 48mm OD post Channeliser posts utilise JMB's Turn and Lock™ base connection system so they can be fitted to a variety of different mounting options to suit almost any application or location. Channeliser Posts are seamlessly interchangeable with our spring return guideposts and lane divider blades.

Spring Return Channeliser Posts feature quick post changeovers using our Turn and Lock™ Connection System



Pictured Product Ref:

G2173201

Spring Return Channeliser Post

- Turn and Lock Mount
- Ø48.3 x 1m (39") post fitted
- Post Colour: White

Channeliser Posts can be supplied with your choice of mounting base.

Pictured is the standard unit complete with the BP420 surface mount base plate.

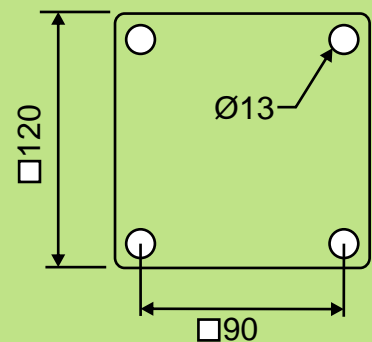
Components can also be purchased separately. Please refer to the images and descriptions on this page for individual items.

Other "Turn and Lock™" mounting options are pictured below

KEY FEATURES

- Spring Return Base Units have been successfully tested at 100 kmh
- 360° self recovery
- Guaranteed post realignment
- New "Turn and Lock" base connection system for quick removal and replacement
- Multiple Ground Connection Options
- Customisable Post Options
- Fully complies with all state regulations

BP420 Bolt Down Pattern



Channelisers Posts can be fitted to all other Turn and Lock™ Mounting Options!



- BP420**
Surface Mount Base Plate
- Turn and Lock™ Connection
 - Bolted or Glued Down
 - Height above ground 15mm



- GS001**
Drivable Ground Spike
- Turn and Lock™ Connection
 - 350mm in ground depth
 - Height above ground 4mm



- LD001**
Mid Island Segment Yellow
- Turn and Lock Connection
 - Mass - 15kg
 - Height above ground 90mm

Spring Return Signpost Base Units

Patented in Australia, US, Singapore and Europe

Spring Return Signposts are simply signposts that spring back upright after impact. Being capable of operating in a range of heights from 900mm to an unprecedented 2800mm (110") Spring Return Signposts simply have no peer.



Designed for use with 60mm OD or (2-3/8") round signposts, the Patented Spring Return Signpost system transforms a standard signpost installation into a, full 360 degree impact recovering, passive safe signpost installation.

Simple and quick to assemble the spring slides directly inside the signpost and is securely locked onto the base of the post using 2 locking screws.

The choice of different mounting options means the Base Unit is simple to install in any site

Once installed Spring Return Sign Posts will always return to vertical after impact with the sign still in the correct orientation.

With thousands of units successfully operating in multiple countries Spring Return Signpost saves \$\$\$ by protecting both the installation and the vehicle driver from damage.

Spring Return Signposts recover their purchase cost twice over by surviving just one impact.

Base Units are our top seller! However complete Signpost Assemblies can also be purchased see overleaf pages for more information

SIGNPOST THAT RETURN TO VERTICAL AFTER IMPACT



100% recyclable

black spring base units



DP100201

DP100203

Black spring units are designed for use with plastic signposts up to 1.6m tall. The less aggressive black spring and plastic post combination makes it ideal for High pedestrian areas and car parks. Black Spring units are equally suitable for road use

Black Spring Base units are supplied as pictured in either socket mount or surface mount version.

Installation Kits are shown in the accessories section. Full technical installation drawings and other information can be found on our website.

Base Unit Specification:

Signpost Size:

- plastic CHS post 60mm OD or (2-3/8")
- max wall 3.8mm or (9/64")

Signpost Height Range:

- Min - 800mm (31")
- Max - 1600mm (63")
- Standard Height - 1400mm (55")

Sign Carrying Capacity:

- Fitted with a 1600mm post the base unit can recover one fitted 600 x 450mm Al sign
- Fitted with a 1400mm post or less the base unit can recover with two fitted 600 x 450mm Al sign

blue spring base units



RP100201

RP100203

Blue spring units are designed for use with steel signposts up to 1.6m tall. They are ideal for tough road use

Blue Spring Base units are supplied as pictured in either socket mount or surface mount version.

Installation Kits are shown in the accessories section. Full technical installation drawings and other information can be found on our website.

Base Unit Specification:

Signpost Size:

- steel CHS post 60mm OD or (2-3/8")
- max wall 2.3mm or (3/32")

Signpost Height Range:

- Min - 900mm (35")
- Max - 1600mm (63")
- Standard Height - 1400mm (55")

Sign Carrying Capacity:

- Fitted with a 1600mm post the base unit can recover one fitted 600 x 450mm Al sign
- Fitted with a 1400mm post or less the base unit can recover with two fitted 600 x 450mm Al sign

red spring base units



SA411A

TP100203

Red spring units are design for use with steel signposts up to an unprecedented 2.8m tall. Achieving up to 2.2m clearance under a 600mm sign.

Red Spring Base units are surface mounts and supplied as pictured. Socket mount installations can be simply converted by using one of our socket mount adaptors, like SA411 pictured. The full range of Socket Mount Adaptors available are shown on page 7

Installation Kits are shown in the accessories section.. Full technical installation drawings and other information can be found on our website.

Base Unit Specification:

Signpost Size:

- steel CHS post 60mm OD or (2-3/8")
- max wall 2.3mm or (3/32")

Signpost Height Range:

- Min - 1600mm (63")
- Max - 2800mm (110")

Sign Carrying Capacity:

- Fitted with a 2800mm post the base unit can recover one fitted 600 x 600mm Al sign
- Fitted with a 2400mm post or less the base unit can recover with two fitted 600 x 600mm Al sign

Spring Return Signposts

SIGNPOSTS THAT SPRING BACK UPRIGHT AFTER IMPACT

Spring Return Signposts are supplied assembled with a 60mm OD or (2-3/8") factory fitted safe-post of your choice.

The patented Spring Return Signpost system transforms a standard signpost installation into a, full 360 degree impact recovering, passive safe signpost installation. Spring Return Sign Posts will always return to vertical after impact with the sign still in the correct orientation.

With over 5000 units' successfully operating in 5 countries Spring Return Signpost saves \$\$\$ by protecting both the installation and the vehicle driver from damage.

Once installed Spring Return Signposts recover their purchase cost by surviving just one impact while also eliminating reoccurring site damage.

plastic post



Using the **Black Spring** base unit this Spring Return Signpost Assembly is supplied as pictured with a factory fitted 60mm OD or (2-3/8") plastic post ready to install.

The lighter and less aggressive black spring makes this product ideal for use in car parks and high pedestrian areas, yet it still remains tough enough for road use.

Typical applications include car parks, shared pedestrian/vehicle zones, malls

Installation Options are shown in the accessories section. Full technical installation drawings, and a complete list of compatible post types can be found on our website. For quick reference specifications refer to the **black** spring base units description.

Standard Product References:

DP104201 – Spring Return Signpost – Socket Mount – 1.4m (55") Plastic Post Fitted

DP104203 - Spring Return Signpost – Surface Mount – 1.4m (55") Plastic Post Fitted

For non-standard applications please contact us or your supplier



Using the **Blue Spring** base unit this Spring Return Signpost Assembly is supplied as pictured with a factory fitted 60mm OD or (2-3/8") steel post ready to install.

Designed for tough road use the product delivers full 360 degree impact recovery with a steel post up to 1.6m (63" high)

Typical applications include road island signage, splitter islands, round about approaches etc

Installation Options are shown in the accessories section. Full technical installation drawings, and a complete list of compatible post types can be found on our website. For quick reference specifications refer to the **blue** spring base units description.

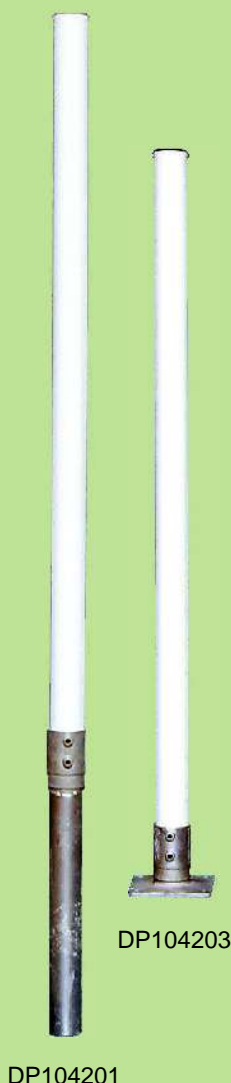
Standard Product References:

RP101201 – Spring Return Signpost – Socket Mount – 1.4m (55") Steel Post Fitted

RP101203 - Spring Return Signpost – Surface Mount – 1.4m (55") Steel Post Fitted

For non-standard applications please contact us or your supplier

steel post



DP104201

DP104203



RP101203

RP101201

tall 2.8m steel post



TP140203



Using the **Red Spring** base unit this Spring Return Signpost Assembly is supplied as pictured with a factory fitted 60mm OD or (2-3/8") steel post up to an unprecedented 2.8m (110") high ready to install.

Designed for road use typical applications include; roundabouts, intersections, parking signs and more...

This is the only 360 degree impact recovering signpost in the world that can achieve a 2.2m clearance under the sign

Supplied as a surface mount, socket mount installations can be converted simply by using one of our Socket Mount Adaptor kits shown adjacent.

Further Installation Options are shown in the accessories section. Full technical installation drawings, and a complete list of compatible post types can be found on our website. For quick reference specifications refer to the **red** spring base units description.

You can select our standard product below or alternately just nominate the mounting style, the post material and the overall height required and we will do the selection for you.

Alternately you can also use our product selector program that can be found in the Downloads section of our website

If in doubt Contact us or your supplier. We are always pleased to help.

NEW!

Standard Product Reference:

TP140203 - Spring Return Signpost – Surface Mount – 2.8m (110") Steel Post Fitted

For other lengths please contact us or your supplier. We are always happy to help.

Tall SRS Detents

Tall Spring Return Signposts detents bolt straight onto a standard TP100203 Red Spring Return Base Units, making them behave like a rigid post.

They are used to provide extra resistance to initial movement, but still allow the SRS unit to work as normal when impacted.

Great for pedestrian areas to prevent unwanted actions like posts being pulled over and released by people.

Great for high wind areas to prevent unwanted movement in very high wind gusts



Product Reference: DB001 Detent Bracket Kit (4 brackets per kit)



socket mount adaptor kit

Red Spring- Spring Return Signposts can be installed into Socket Mount installations by adding the Socket Mount Adaptor kit shown below.

Note: this kit can also be concreted directly into the ground.



Product Reference: SA410A

185mm long the socket mount adaptor kit is designed for use with the WIZ 600 Wizard Socket Ground Spike or an existing ground sleeve installation.

(Wizard sockets and Ground Sleeves are shown in the accessories section)

Socket Mount Adaptors can also be directly concreted into the ground

Flexible Sign Panels

Flexy Tough™ Sign Panels simply flex away under impact, surviving longer than Aluminium signs in frequently impacted areas. The ideal road sign panel to complement the features of the Spring Return Signpost

JMB's flexible Sign Panels are made from Flexy-Tough™ polypropylene, JMB's own special blend of polypropylene, delivering superior shape retention and flexibility in all weather.

The Flexy-Tough™ material is of the highest quality, UV stabilised, corona treated for adhesion, and 100% recyclable in keeping with JMB's sustainability philosophies.

Flexy-Tough™ Sign Panels have a zero land fill impact and will last longer in vulnerable sites than conventional Aluminium signs, resulting in reduced sign consumption and importantly saving \$\$\$.



KEY Features of Flexy-Tough™ Polypropylene:

- Flexy-Tough offers Superior Recovery Performance after vehicle impact.
- Flexy-Tough sign panels are 4mm thick for increased toughness and to prevent curling
- Flexy-Tough is 100% Recyclable & has no scrap metal value.
- Flexy-Tough sign panels provide an extra level of Road Safety when used in combination with our Spring Return Signposts
- Flexy-Tough costs are competitive to aluminium

Ordering Information:

- Flexible sign panels are supplied standard as sign blanks only. To order simply state the size and holes required and we will create a drawing for approval, or simply send us an approved drawing of the sign panel
- Complete Reflective signs can be supplied by in a limited range pf by special order
- Qty: A minimum order quantity of 10 custom cut panels generally applies
- Sizes: As all regional sign specifications vary, Custom Flexible Sign Panels are quickly and accurately cut to local specifications at the time of order using CNC equipment. Our CNC machines can cut any shape!!

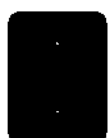
Sign Material Specifications:

- Material: Flexy-Tough polypropylene
- Finish: Matt Black and Corona Treated to ensure superior reflective adhesion
- Thickness: 4mm

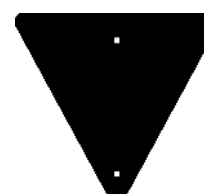
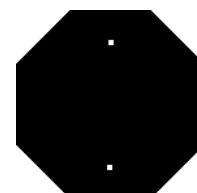
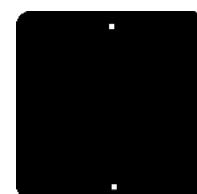
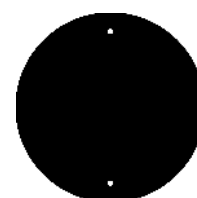
Sign mounting brackets to suit flexible sign panels are shown in the Accessories pages
Local regulations should always take precedence, if in doubt check with local authorities

For Standard Product Lines you can order the blank or the completed sign:

ORDER THIS! OR THIS!



ORDER THIS! OR THIS!



See our website sales or our price list for the full range of stocked completed signs. Other signs can be supplied upon request.

Spring Return Bollards

Spring Return Bollards are designed to yield on impact, avoiding expensive damage and lowering injury potential from minor accidents.

Suited to locations like cycle ways, loading ramps, doorways and car parking, Spring Return Bollards absorb that initial bump, warning drivers they are out of position before significant vehicle or site damage can occur.

How They Work!



1

The Spring Return Bollard before impact



2

Upon impact the Spring Return Bollard will simply yield, minimising bollard, kerb and vehicle damage.



3

The Spring Return Bollard will then return to vertical once vehicle moves forward

PRODUCT DETAILS

Product Reference: LRB001

LRB - Spring Return Bollards feature a powder coated aluminum bollard sleeve fitted to our TP100203 spring return base unit.

- Ø150mm Diameter
- Height 1000mm,
- Base Finish - Galvanised
- Bollard Finish - Powder Coated Safety Yellow or Grey***
- Surface Mount Installation (standard)**

***LRB Bollards can be used with our Socket Mount Adaptor Kits to achieve concrete in ground installations. Refer our website*

**** non standard colours can be supplied but may incur additional cost and minimum quantity orders*

BENEFITS

- Yields on impact from any angle
- Easy to install
- Delivers long term value
- Allows the driver time to stop before serious installation or vehicle damage occurs

APPLICATIONS

- pedestrian / vehicle shared zones
- car parks
- cycleways
- sidewalks
- municipal buildings / commercial buildings
- any architectural application



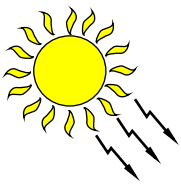
LRB001



LRB002

Spring Return Bollards can be Customised to your needs!!

Base only units can be supplied, allowing you to fit your own custom bollard top



JMB Solar Bollards & Lights

Sustainable outdoor lighting products



night time

day time



JMB Manufacturing is committed to providing environmental and sustainable products. JMB now offers a range of commercial quality off the grid solar outdoor lighting products.

Architecturally pleasing our solar bollard and light will add value and aesthetic appeal to any location.

Municipal Buildings, Commercial Buildings, Parks & Gardens, Walkways, Cycleways, Schools, Hotels, Resorts, Pools and Patios

With excellent light output these products represent good value for money, as they require no expensive wiring or electrical connections. Simply mount them and they are ready to operate.

Once installed they cost nothing to run, and the low voltage operation means they are a much safer option to mains power units.

Solar Illuminated Bollard

JMB's Brightest Bollard, featuring a polished reflector. The lens is recessed behind vertical protective bars for maximum protection.



S012

PRODUCT DETAILS

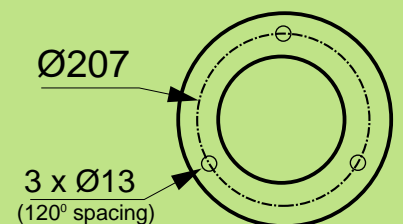
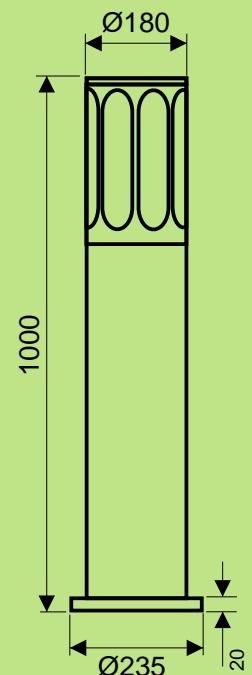
Product Reference: S012
Aluminium Housing
Finish: Dark Grey (Powder coat)
Mounting: Surface Mount
Clear Lens

Solar Specifications

Solar Panel: 3W (Lifespan 20 years)
15 LED White
Power System: 6 volts DC
Battery: 4.5 AH
Standard Operation
Auto switch on at dusk /
auto switch off at dawn

BENEFITS

- Easy to Install
- Powered by the Sun
- No Wiring Needed
- No digging Trenches
- No expensive electricians
- Low Voltage -VERY SAFE!
- Protected Lens
- Delivers long term value



Bolt Down Pattern

Solar Pole Mounted Light

Stylish and functional this **Bright Down Light** is fitted with a massive **54 LED's!**
No wiring needed, it simply mounts on top of a pole ready to use.



54 Super Bright LED's



S020

PRODUCT DETAILS

Product Reference: S020
Aluminium Housing
Finish: **Black** (Powder coat)
Mounting: Ø60mm OD Pole Mount
Translucent Lens

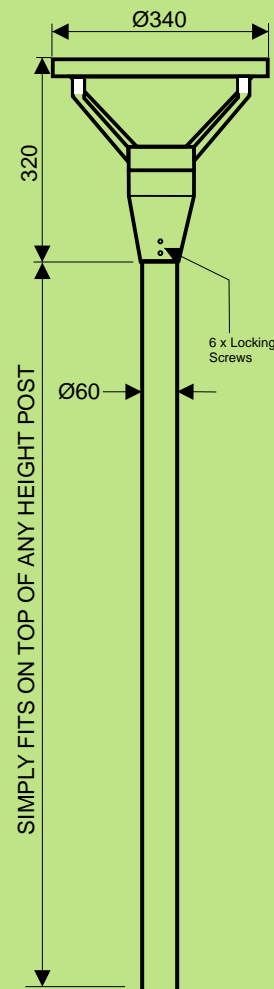
Solar Specifications

Solar Panel: 8W (Lifespan 20 years)
54 LED White
Power System: 6 volts DC
Battery: 6 AH
Standard Operation
Auto switch on at dusk / auto switch off at dawn

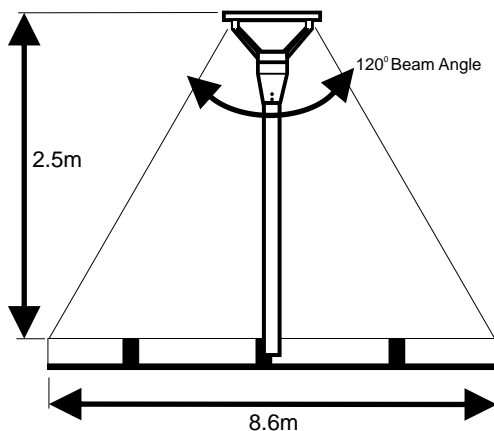
APPLICATIONS

- pedestrian paths
- parks and gardens
- car parks
- cycle ways
- sidewalks
- municipal buildings / commercial buildings.
- areas where it is impossible to dig or run power

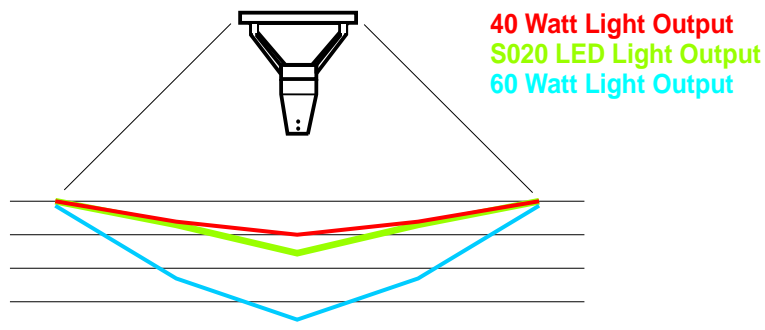
**non standard colours available but may incur additional cost and delivery time*



120° BEAM ANGLE



LIGHT OUTPUT COMPARISON CHART



Signpost Accessories

installation items

JMB offers a range of installation kits, installation tools, brackets, and post caps to suit our Spring Return Signpost range. Technical Drawings and instructions for installation kits can be found in the Download area of our website.



Ground Spike- Direct into soil Installations

Product Refs: GS001

Compatible with all Generation 2 "Turn and Lock" mounting system products. Driving tool shown in the tools section



Surface Mount Installation Base Plate–

Product Ref: BP420

Surface Mount Base Plate compatible with all Generation 2 "Turn and Lock" mounting system products



Surface Mount Installation Kit – Concrete Installations

Product Ref: MK205

Comprising of 4 x 12 x 65 concrete anchors, this installation Kit is suitable for use with the BP420 "Turn and Lock" Base Plate



Surface Mount Installation Kit – Concrete Installations

Product Ref: MK203

Comprising of 4 x 16 x 65 DYNA BOLTS, this installation Kit is suitable for use with all Surface Mounted Spring Return Base Unit installations.



Ground Sleeves- Concrete Installations

Product Refs: WE001 Locking Wedge, GS201 Ground Sleeve

Ground sleeves are concreted in place. The Socket Mount Base Unit simply inserts into the ground sleeve and is locked into position with a wedge or a through bolt. When used with Spring Return Signpost no site damage from impact will ever occur again



Wizard Socket- Direct into soil Installations

Product Refs:

WIZ 600 – 600mm spike length for softer soils

WIZ 450– 450mm spike length for harder soils

WE001 Locking Wedge

(Note: WIZ 600 and WIZ450 include the locking wedge)

To fit to a Spring Return Signpost simply cut a socket mount base unit down to 185mm. Drive Wizard socket into the ground, insert the signpost into the cup and lock into place with wedge. Driving tool shown in the tools section

Signpost Accessories

installation tools

To facilitate installation and post removal JMB offers the following site tools

Manual Drive Adaptor

Product Ref: GS001G

Fitting the GS001G Manual Drive Adaptor over the top of the GS001J Jackhammer Driver allows for ease of driving with a sledge hammer or similar (suited to the GS001 Ground Spike)



30mm Hex Jack Hammer Driver

Product Ref: GS001J

The GS001J Jackhammer Driver engages with the GS001 Ground Spike to be easily driven by a std 30mm Hex Jackhammer. The tool locks to the spike to prevent rotation during driving. (suited to the GS001 Ground Spike)



Wizard Socket Driver

Product Ref: WIZ002

The manual Wizard Socket driver tool is simply inserted into the cup of the ground spike. Then use a sledge hammer to drive the spike into the ground.



Ground Spike Removal Tool

Product Ref: GS001F

This tool fits hooks into the GS001 Ground Spike to allow the ground spike to be removed from the ground, using a pipe or crowbar as a lever



Trilobe Key

Product Ref: TL001

Tightening tool for the anti theft option bolts used in the sign brackets below.



Fits an 8mm AF socket

sign mounting brackets



Single Sided One Piece Sign Bracket

Product Ref:

TD1 – includes hex bolt

TD1S – Includes a trilobe anti theft bolt

Simple slide on brackets to hold one sign. Suits 60mm OD or (2-3/8") signpost.



Double Sided One Piece Sign Bracket

Product Ref:

TD2 – includes hex bolt

TD2S – Includes a trilobe security bolt

Simple slide on brackets to hold two signs, mounted on opposite sides of the signpost. Suits 60mm OD or (2-3/8") signposts.



Two Piece Sign Bracket

Product Ref:

FB1 – includes hex bolt

FB1S – Includes a trilobe security bolt

Simple 2 piece bracket. Ideal when adding additional signs on existing signposts. Suits 60mm OD or (2-3/8") signposts.

Signpost Accessories

post accessories



Plastic Safe Posts -

Product Ref:
SP104 1.4m (55") Plastic Safe
Post (standard)

Plastic Safe Posts are made
from JMB own high impact
PVC material.

Standard PVC and Poly
Ethylene pipe materials will
either shatter or excessively
bend when used with Spring
Return Signpost and should
be avoided.

JMB recommend only using
Plastic Safe Posts made from
our own material to get the
most from your Spring Return
Signpost

A safety sheet on Safe Posts
can be found in the downloads
section of our website.



Product Ref:

WE001 Locking Wedge



Galvanised Steel Post Cap -

Product Ref: PC001

Strong galvanised Steel Post Caps
Suits 60mm OD or (2-3/8") signposts.



Detent Bracket Set -

Product Ref: DB001 (set of 4)

Detent Brackets bolt straight onto a standard
TP100203 Red Spring Return Base Units.

They are used to provide extra resistance to initial
movement, but still allow the SRS unit to work as
normal when impacted.

Great for pedestrian areas to prevent the unwanted
actions of posts being pulled over and released by
vandals.

Great for high wind areas to prevent unwanted
movement in very high wind gusts

2.8m SIGNPOSTS THAT RETURN TO VERTICAL AFTER IMPACT



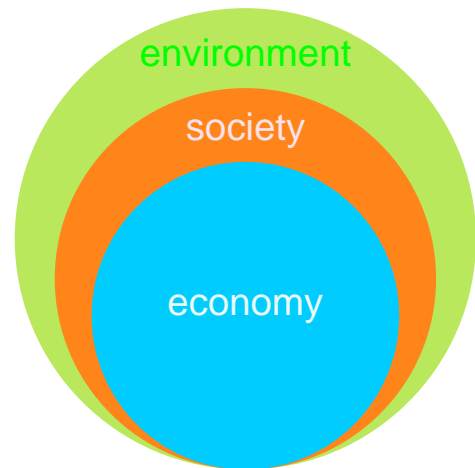
Environmental Policy

Our Goal

To be market leaders in delivering product solutions that have a positive impact on both the environment and road safety.

Our Mission

To supply road safety products that have no impact on the environment and are 100% reusable or recyclable through sustainable processes. To supply products that by their design and performance stops the environmental impact on their installed surroundings. Damage that is guaranteed with standard road signpost installation practices.



Our Policy

A broader JMB business objective is to facilitate the reduction of the broader community's carbon footprint. We recognise our social responsibility and therefore endeavour to foster relationships with the community to achieve this goal. At JMB we believe in implementing sustainable businesses practices into our own operations and take corporate responsibility for achieving environmental best practice. JMB is committed to continually improving our environmental performance and it is our priority to encourage our customers, suppliers and business associates to do the same. JMB will promote environmental awareness amongst our employees and they will be trained, educated and informed on environmental issues affecting their work. All our operations will comply with or exceed the requirements of current environmental legislation and codes of practice. Our purchasing practices will give priority to products and services that do the least damage to the environment. Waste will be reduced through avoidance, re-use, recycling and by purchasing recycled, recyclable or re-furbished products and materials where suitable and available. Promote the efficient use of materials and resources, especially non-renewables targeting our use of:

- Water
- Electricity
- Chemicals
- Transport Mediums

Our employees understand our environmental policy and conform to the high standards it requires. Management address complaints about any breach of our sustainability policy promptly and to the satisfaction of all concerned. JMB applies the principles of continuous improvement and reviews the Policy regularly in consultation with our staff and stakeholders. The Implementation Plan with its clear outcomes and targets requires progress to be reported regularly to the JMB Management Team.

Ian Brodie
CEO

JMB Manufacturing Pty Ltd 2011

contact details

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Email: ianb@jmbsignposts.com

website information

Features our new E-commerce website at www.jmbsignposts.com

Increased Product Range:

- Guide Posts, Lane Dividers, Lane Channelisers, Ready to Install kits of Sign and Spring Return Posts.
Plus! Signs, Cones, TTops.

Easy Payment Options:

- Credit Card
- PayPal
- EFT

Shipping Offers:

- Free Shipping,
- Capped Shipping
- Instant Shipping Quotes

FREE! Technical and Installation Information

Register a Free Web Account:

- Registered customers get access to special pricing, quicker checkout and order tracking.
- Companies who register as a wholesaler can access their agent pricing direct off the website

Newsletter Subscription:

- Subscribe to our newsletter to keep up to date with JMB products and the latest product specials to save you money.

spring return signposts

spring return guideposts

spring return lane dividers

spring return bollards

www.jmbssignposts.com

flexible sign panels

solar lights

solar bollards

signpost accessories