

MORGAN ENGINEERING

Parts & Service Exchange Catalogue

Engineered solutions that get it done



Company Overview

Morgan Engineering is a privately-owned, second generation, family company with almost five decades of experience providing engineering solutions - backed by a strong reputation for delivering quality results.

An award-winning innovator in global engineering with a strong, local Australian owned focus, Morgan Engineering maintain an impressive,

hard-earned reputation for delivering quality service and equipment throughout New South Wales and beyond.

Established in 1975, based in the heart of the Hunter Valley in Singleton, and now with a new location within the Gunnedah Basin, the business has evolved from a local family-owned shop to a major engineering supplier in the region and across Australia.

We provide a range of services which include:



Machining and manufacturing



Field services



Fabrication



Service exchange program

Our Service Exchange Program



Our Service Exchange Program is designed to fast-track your equipment repairs, minimise risk, and reduce downtime. Whether it's for planned maintenance or in times of emergency, our team can supply components to suit most major Original Equipment Manufacturer (OEM) heavy mining equipment directly to your site.

With our service exchange program, you simply purchase a fully guaranteed re-manufactured component and forward the failed item to us. We re-engineer your component to original specifications, incorporating the latest design improvements, and return it to stock for the next customer order.

We can even pick up or deliver to your site.



Limited downtime

Costly downtime is limited to the time required to replace the failed component, compared to the duration of a full repair.



Limited Inventory

The need to carry costly inventory is eliminated as we can work with you on a maintenance plan and provide rapid dispatch in an emergency.



Reduced component costs

The costs of an exchange component can be significantly less expensive than a new component.



New warranty

Your exchange component comes with an OEM-backed warranty that matches or exceeds that of new components.



Newest technology

Your exchange component is totally re-manufactured to original equipment specifications, following exacting standards, and incorporating the latest OEM design improvements.



6 month warranty

If an issue arises that's linked to our workmanship within six months, we'll repair or replace it - fast, safe, and with zero compromise. That's the Morgan standard: Fast. Reliable. Safe.

Core Return Guidelines

We aim to make the core return process as straightforward and cost-effective as possible. To avoid any unnecessary fees on service exchange components, please follow these key guidelines:



Cores must be returned within 45 days of receiving your service exchange component.



Cores must be returned in a clean condition – free of oil, dirt and external damage.



Returned cores must match the original component supplied by Morgan Engineering, including the correct configuration and part number.



All components must be returned using the original Morgan Engineering stand if provided.

Please note: Additional charges may apply if the returned core does not meet the above criteria or the conditions outlined.



Before and after of a repaired 16M Front Axle

Trucks



Model	OEM Part Number	Description
CAT 775/773/772	135-5263	Arm-Centre CAT 775/773/772 STEERING Y-LINK (SERVICE EXCHANGE)
	135-5264	Arm-Steering CAT 775/773/772 STEERING ARM (SERVICE EXCHANGE)
	8X-6627	Arm-Centre CAT 775 / 773 / 772 STEERING Y LINK
	211-4920	Rod CAT 773 DOG BONE
CAT 777	135-5265	Arm-Centre CAT 777 STEERING Y LINK (SERVICE EXCHANGE)
	135-5266	Arm-Steering CAT 777 STEERING ARM (Service exchange)
	211-4921	Rod 777 DOG BONE (SERVICE EXCHANGE)
	367-3098	Cap AS CAT 777 A FRAME PIN CAP
CAT 777 / 785	323-3461	Cap AS CAT 777 / 785 A FRAME PIN CAPS (SERVICE EXCHANGE)
CAT 785	135-5267	Arm-Centre CAT 785 Y-LINK SERVICE EXCHANGE
	135-5268	Arm-Steering CAT 785 STEER ARM (SERVICE EXCHANGE)
	8X-8919	Support AS CAT 785 A FRAME (SERVICE EXCHANGE)
	211-4922	Rod CAT 785 DOG BONE (Service Exchange)
CAT 789	135-5269	Arm-Centre CAT 789 Y-LINK SERVICE EXCHANGE
	135-5270	Arm-Steering CAT 789 STEERING ARM (SERVICE EXCHANGE)
	8X-3375	Cap AS CAT 789 A-FRAME PIN CAPS (SERVICE EXCHANGE)
	8X-8919	Support AS CAT 789 A FRAME (SERVICE EXCHANGE)
	5T-6243	Bracket AS CAT 789 CHASSIS STEER BOX (SERVICE EXCHANGE)
	211-4923	Rod CAT 789 DOG BONE (SERVICE EXCHANGE)
	129-0481	Housing GP-Rear Axle CAT 789 AXLE HOUSING (SERVICE EXCHANGE)
	229-2385	Head CAT 789 STRUT TOP SPIGOT (SERVICE EXCHANGE)
	2A-6945	Link GP-Steering CAT 789 TIE ROD (SERVICE EXCHANGE)

Trucks



Model	OEM Part Number	Description
CAT 793	207-7321	Arm-Centre CAT 793 STEERING Y-LINK (SERVICE EXCHANGE)
	135-5272	Arm-Steering CAT 793 STEERING ARM (SERVICE EXCHANGE)
	100-8014	Bonnet CAT 793 COOLER BONNET (END CAP) SERVICE EXCHANGE
	124-9831	Bonnet CAT 793 COOLER BONNET (90DEG ANGLE)
	249-0134	Bonnet CAT 793 COOLER BONNET (ELBOW)
	249-0135	Bonnet CAT 793 COOLER BONNETS (ANGLED)
	566-9133	Head CAT 793 STRUT TOP (SERVICE EXCHANGE)
	8X-2944	Cap AS CAT 793 A FRAME PIN CAPS (SERVICE EXCHANGE)
	211-4924	Rod CAT 793 DOGBONE (SERVICE EXCHANGE)
	9T-8912	Cylinder GP-Steering CAT 793 STEERING CYLINDER (Service Exchange)
	2A-6946	Link GP-Steering CAT 793 TIE ROD ASSEMBLY (SERVICE EXCHANGE)
CAT 793B	192-5691	Arm CAT 797B STEERING Y-LINK (SERVICE EXCHANGE)
CAT 793C	185-6377	Support AS-A-Frame CAT 793C A FRAME (SERVICE EXCHANGE)
	198-5954	Housing GP-Rear Axle CAT 793C AXLE HOUSING (SERVICE EXCHANGE)
CAT 793D	255-7135	Support AS SX CAT 793D A FRAME (SERVICE EXCHANGE)
	235-9746	Housing GP-Rear Axle CAT 793D AXLE HOUSING (SERVICE EXCHANGE)
CAT 793F	183-9580	Arm-Steering CAT 793F STEERING ARM (Service Exchange)
	281-3338	Link GP-Rear Suspension CAT 793F RAX LINK (Service exchange)
CAT 795F	514-0298	Link AS CAT 795F RAX LINK (Service exchange)
CAT 797	332-7421	CAT 797 STEERING Y-LINK (SERVICE EXCHANGE)
	569-3404	Arm-Steering CAT 797 STEERING ARM (Service exchange)
	438-1130	Link GP-Steering CAT 797 STEERING TIE ROD (SERVICE EXCHANGE)
Komatsu 830E 1AC	58E-40-00080	KOMATSU 830E-1AC TIE ROD ASSY (SERVICE EXCHANGE)

Trucks



Model	OEM Part Number	Description
Komatsu 830E	TY1831	Steering Arm Right Hand KOMATSU 830E STEERING ARM RH (SERVICE EXCHANGE)
	TY1833	Steering Arm Left Hand KOMATSU 830E STEERING ARM LH (SERVICE EXCHANGE)
	EJ2176	Suspension Assembly Rear SXKOMATSU 830E RH REAR STRUT (SERVICE EXCHANGE)
	EJ2176	Suspension Assembly Rear SXKOMATSU 830E LH REAR STRUT (SERVICE EXCHANGE)
	58E-40-10220	Arm, Strng SR RH KOMATSU 830E STEER ARM SR RH (SERVICE EXCHANGE)
	58E-40-10120	Arm, Strng SR LH KOMATSU 830E STEER ARM SR LH (SERVICE EXCHANGE)
Komatsu 930E	EF2753	Right Hand Arm KOMATSU 930E STEERING ARM LH (SERVICE EXCHANGE)
	EF2754	Left Hand Arm KOMATSU 930E STEERING ARM RH (SERVICE EXCHANGE)
	XB2450	Pivot Eye Assembly KOMATSU 930E PIVOT EYE (SERVICE EXCHANGE)
Komatsu 930E-4	58F-40-00020	Rod Tie Assembly KOMATSU 930E-4 TIE ROD ASSY (SERVICE EXCHANGE)
Komatsu 930E-5	58F-40-00210	Rod Tie Assembly KOMATSU 930E-5 TIE ROD ASSY (SERVICE EXCHANGE)

Graders



Model	OEM Part Number	Description
CAT 16H	264-1150	Arm AS 16H L/H LEAN ARM (SERVICE EXCHANGE)
CAT 16M	243-6700	Bracket AS CAT 16M BLADE GUIDE (SERVICE EXCHANGE)
	250-2282	Axle GP-Front CAT 16M FRONT ASSEMBLY (SERVICE EXCHANGE)
	390-6837	Arm AS CAT 16M BLADE LIFT ARM RH(SERVICE EXCHANGE)
	390-6838	Arm AS CAT 16M BLADE LIFT ARM LH(SERVICE EXCHANGE)
	311-1932	Housing 16M SPINDLE HOUSING L/H (SERVICE EXCHANGE)
	311-1933	Housing 16M SPINDLE HOUSING R/H (SERVICE EXCHANGE)
CAT 16M3/18	390-9853	Circle & Beam AS CAT 16M3/18M CIRCLE (SERVICE EXCHANGE)
	502-3879	Drawbar AS CAT 16M3/18M DRAW BAR (SERVICE EXCHANGE)
	478-8991	Bracket AS CAT 16m3 / 18m3 Blade Guide (SERVICE EXCHANGE)
	474-6914	AXLE GP-FRONT CAT 16M3 18M3 FRONT AXLE GROUP (SERVICE EXCHANGE)
	5T-1740	Drive GP Circle (SERVICE EXCHANGE)
CAT 24	442-1947	AXLE AR-FRONT CAT 24 FRONT AXLE ASSEMBLY (SERVICE EXCHANGE)
	468-7845	Bracket AS CAT 24 BLADE BRACKET ASSEMBLY (SERVICE EXCHANGE)
CAT 24H	117-2152	Bar AS CAT 24H LEAN BAR
CAT 24M	265-6739	DRAWBAR AS CAT 24M DRAW BAR (SERVICE EXCHANGE)
	277-2120	Circle AS CAT 24M CIRCLE (SERVICE EXCHANGE)
	456-0649	Bracket AS CAT 24M BLADE BRACKET ASSEMBLY (SERVICE EXCHANGE)
	126-3080	Link AS 24M TAG LINKS (SERVICE EXCHANGE)
	144-9800	Arm AS 24M-Lean Arm (SERVICE EXCHANGE)
	265-4505	Axle AR-Front CAT 24M Front Axle Assembly (SERVICE EXCHANGE) Incl. Cylinders
	265-4505	Axle AR-Front CAT 24M Front Axle Assembly (SERVICE EXCHANGE) Excl. Cylinders

Dozers



Model	OEM Part Number	Description
CAT D10	138-2828	Connector AS CAT D10 PUSH ARM KNUCKLE (SERVICE EXCHANGE)
	233-4658	Yoke SX CAT D10 BLADE LIFT YOKE (SERVICE EXCHANGE)
	9J-6073	Trunnion GP-Bulldozer CAT D10 PUSH ARM TRUNIOUN
	222-3676	Bar GP-Equalizer CAT D10 EQUALIZER BAR STRAIGHT (Service exchange)
	222-3682	Bar GP-Equalizer CAT D10 EQUALIZER BAR TOE OUT (Service exchange)
CAT D10T & D10R	138-2828	Connector AS CAT D10 PUSH ARM KNUCKLE (SERVICE EXCHANGE)
	233-4658	Yoke SX CAT D10 BLADE LIFT YOKE (SERVICE EXCHANGE)
	9J-6073	Trunnion GP-Bulldozer CAT D10 PUSH ARM TRUNIOUN
	222-3676	Bar GP-Equalizer CAT D10 EQUALIZER BAR STRAIGHT (Service exchange)
	222-3682	Bar GP-Equalizer CAT D10 EQUALIZER BAR TOE OUT (Service exchange)
CAT D10T2	233-4658	Yoke SX CAT D10 BLADE LIFT YOKE (SERVICE EXCHANGE)
	9J-6073	Trunnion GP-Bulldozer CAT D10 PUSH ARM TRUNIOUN
	222-3676	Bar GP-Equalizer CAT D10 EQUALIZER BAR STRAIGHT (Service exchange)
CAT D10 / D11 / 854	4T-3797	Connector CAT D10/D11 LIFT KNUCKLE (SERVICE EXCHANGE)
CAT D11	130-3436	Connector AS CAT D11 PUSH ARM KNUCKLE (SERVICE EXCHANGE)
	209-7714	Trunnion AS CAT D11 PUSH ARM TRUNNION (SERVICE EXCHANGE)
	439-0693	Yoke CAT D11 BLADE LIFT YOKE (SERVICE EXCHANGE)
	207-2683	Bar GP-Equalizer CAT D11 EQUALIZER BAR STRAIGHT (SERVICE EXCHANGE)
	207-2684	Bar GP-Equalizer CAT D11 EQUALIZER BAR TOE (SERVICE EXCHANGE)
	495-0327	Bar GP-Equalizer CAT D11 KSN EQUALIZER BAR TOE (SERVICE EXCHANGE)

Dozers



Model	OEM Part Number	Description
CAT D11T & D11R	130-3436	Connector AS CAT D11 PUSH ARM KNUCKLE (SERVICE EXCHANGE)
	209-7714	Trunnion AS CAT D11 PUSH ARM TRUNNION (SERVICE EXCHANGE)
	439-0693	Yoke CAT D11 BLADE LIFT YOKE (SERVICE EXCHANGE)
	207-2683	Bar GP-Equalizer CAT D11 EQUALIZER BAR STRAIGHT (SERVICE EXCHANGE)
	207-2684	Bar GP-Equalizer CAT D11 EQUALIZER BAR TOE (SERVICE EXCHANGE)
CAT D11T	495-0327	Bar GP-Equalizer CAT D11 KSN EQUALIZER BAR TOE (SERVICE EXCHANGE)
CAT 854K	107-7523	Trunnion AS 854K PUSHARM TRUNNION BALL (SERVICE EXCHANGE)
	122-4681	Connector AS 854K PUSH ARM KNUCKLE (SERVICE EXCHANGE)
	231-6574	Yoke 854K WHEEL DOZER YOKE





Model	OEM Part Number	Description
CAT 6040	605-6469	Linkage GP-Bucket CAT 6040 H, TOGGLE LINK (Service exchange)
Liebherr R9400	11754345	Connecting Link LIEBHERR R9400 DOGBONE (MANUFACTURED)
Liebherr R996	10387514	Connecting Link LIEBHERR R996 DOGBONE (SERVICE EXCHANGE)
Liebherr R9600	11476511	Connecting Link LBR-9800-DOGBONE
Liebherr R9800	11469409	Connecting Link LBR-9800-DOGBONE
Hitachi 5500	7036343	Link 5500 H-LINK (HITACHI)
	8075922	Dogbone HITACHI-OUTER 5500-5600 DOG BONE (SERVICE EXCHANGE)
	8075922	Dogbone HITACHI-INNER 5500-5600 DOG BONE (SERVICE EXCHANGE)

Stock available for outright purchase

Model	Part ID	Description
HITACHI 3600	HITACHI 3600 IDLER WHEEL	HITACHI 3600 IDLER WHEEL
HITACHI 5500/5600	SX-5500-H-LINK	SX-5500-H-LINK
CAT D10	SXCAT-222-3682	CAT D10 EQUALIZER BAR (Toe Out)
CAT 797	SXCAT-332-7421	CAT 797 STEERING Y-LINK
LIEBHERR R996	SX-R996-EX DOGBONE	SX-R996-EX DOGBONE

More parts available upon request.



Delivery and Pick up services

Need it moved? We've got you covered.

Morgan Engineering offers in-house delivery and pick-up with our flatbed truck, saving you time and avoiding freight delays.

Whether it's components, equipment, or project materials, we'll get it to and from your site, fast and hassle-free.

We can also assist with arranging freight services across Australia. Please chat to our team about your freight needs.

**Reliable.
On time.
Straight to your site.**

Contact Us

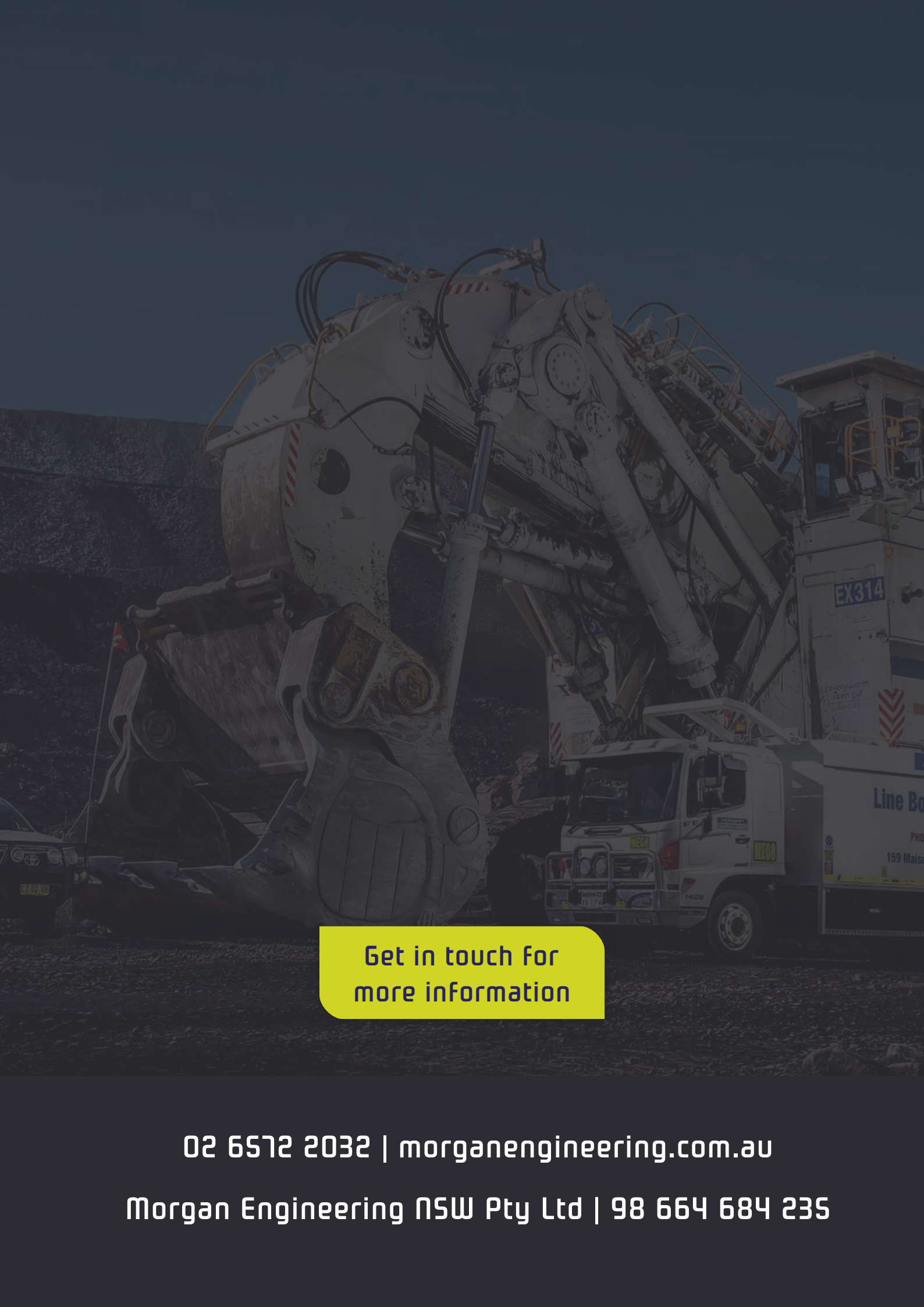
Reach out to our team of experts ready to help get you back to work, or call our office on 02 6572 2032.

Team

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