



iTrip

Latching System

PRODUCT FLYER



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iTrip Latching System

The Mainetec iTrip Latching System is a revolutionary design compatible with both CAT and JOY dipper doors. With a low initial investment, the iTrip Latching System will reduce service intervals and inventory cost by achieving extended service life of door components. With less wear on the door components this decreases shimming time of the latch bar and in return decreases downtime.

For maximum benefit we recommend that the iTrip Latching System is run in conjunction with the Mainetec Static Door Pin Upgrade which also reduces wear of both the door bushes and pins, again decreasing shimming intervals.

With very minor modifications required to install, the iTrip Latching System can be easily retro fitted to the OEM system giving the end user peace of mind.

Talk to Mainetec today about how to take advantage of the benefits of the iTrip Latch System on your assets.

Mainetec iTrip Latching System Advantages:

- Increased service life of door components
- User friendly
- Reduced service intervals
- Reduced shimming intervals
- Less downtime
- Lower inventory costs
- Reduced future rebuild costs
- Retro fits into existing dipper door and Dutchman
- Low initial investment
- Easily retro fitted back to OEM system

1	Latch Bar Assembly
Part Number: S140503155	

2	iTrip Latch Lever
Part Number: S140501606	

3	Latch Bar Lower Insert
Part Number: S130901182	

4	Upper Insert (Nylon)
Part Number: S030201480	

5	Dutchman Insert
Part Number: S130901180	

6	Rope Socket & Wedge
Part Number: S090902181	

7	Door Sheave Assembly
Part Number: S140103154	

8	Lever Sheave Assembly
Part Number: S140103153	

9	Latch Bar Guide & Pin
Part Number: S030202166	

10	Latch Lever Slide Kit
Part Number: S030202172	

11	Door Bump Block
Part Number: S030202139	

12	iTrip Retaining Pin Kit
Part Number: S011703612	

13	iTrip Bearing Block
Part Number: S140503611	

14	iTrip Lever Wear Buttons
Part Number: S030202607	

15	Latch Lever Bump Stop
Part Number: S030202140	

16	iTrip Shim Box Pin
Part Number: S011703609	

17	Latch Bar Guide Pin Kit
Part Number: S010102165	

18	Latch Lever Bush
Part Number: S021701149	

19	Sheave Axle Kit*
Part Number: S011702171	

20	Door Sheave Guide Roller Kit
Part Number: S011702175	

21	Lever Sheave Pin iLock
Part Number: S011701572	

22	Dutchman Nut & Bolt Kit
Part Number: S060102374	

23	Trip Socket Bolt Kit
Part Number: S060103429	

24	iTrip Shims
Part Number	Size (mm)
S090101613	3
S090101614	6
S090101615	10
S090101616	12
S090101617	16

25	Sheave Wheel*
Part Number: S140101206	

26	Top Hat
Part Number: S030301179	

27	Latch Tube Slide Plate, Nylon
Part Number: S030201435	

28	Keeper plate, Latch Tube Slide
Part Number: S080101453	

29	Lower Insert Bolts Kit
Part Number: S060102184	

*(Suits all Mainetec sheaves)

