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

**Mainetec iTrip Latching System Parts:**

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: S030202606
15. Latch Lever Bump Stop
    - Part Number: S030202140
16. iTrip Shim Box Pin
    - Part Number: S030202165
17. Latch Bar Guide Pin Kit
    - Part Number: S010102165
18. Latch Lever Bush
    - Part Number: S021701149
19. Sheave Axle Kit*
    - Part Number: S140101206
20. Top Hat
    - Part Number: S030301179
21. Latch Tube Slide Plate, Nylon
    - Part Number: S030201435
22. Keeper plate, Latch Tube Slide
    - Part Number: S080101453
23. Lower Insert Bolts Kit
    - Part Number: S060102184
24. iTrip Shims
    - Part Number: Size (mm)
      - S090101613: 3
      - S090101614: 6
      - S090101615: 10
      - S090101616: 12
      - S090101617: 16
25. Sheave Wheel*
    - Part Number: S030201414
26. Trip Socket Bolt Kit
    - Part Number: S060103429
27. Latch Lever Bush
    - Part Number: S021701149
28. Door Sheave Guide Roller Kit
    - Part Number: S011702175
29. Dutchman Nut & Bolt Kit
    - Part Number: S060102374

* (Suits all Mainetec sheaves)