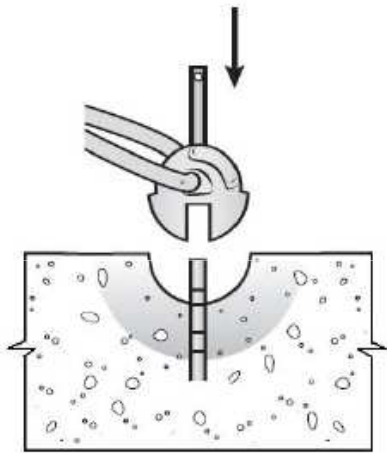
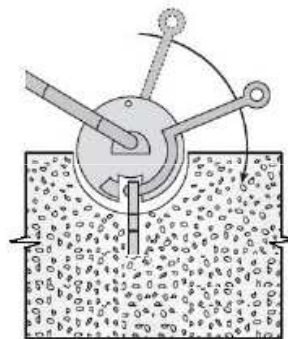


Rigging

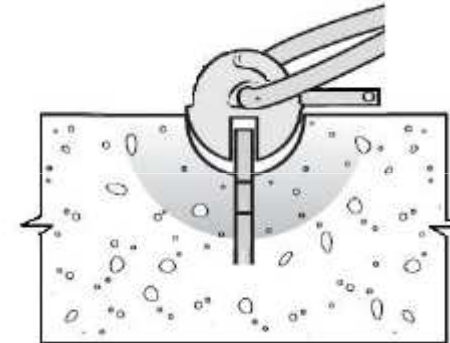
Engaging SwiftLift™ JAWS™ Clutches



- Lower clutch slot over anchor



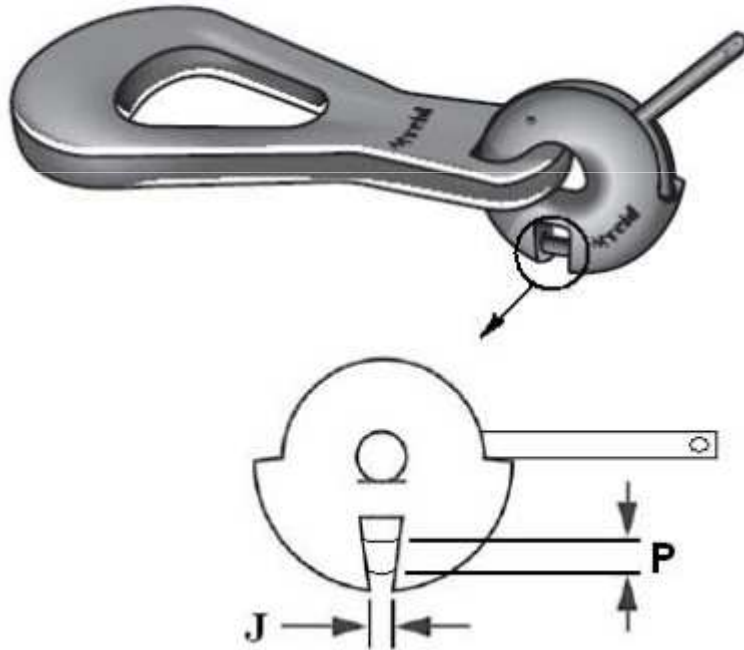
- Rotate the locking ring arm until it rests on the concrete surface



- Before lifting, ensure clutch is FULLY engaged with the locking ring in full lock position.

Rigging

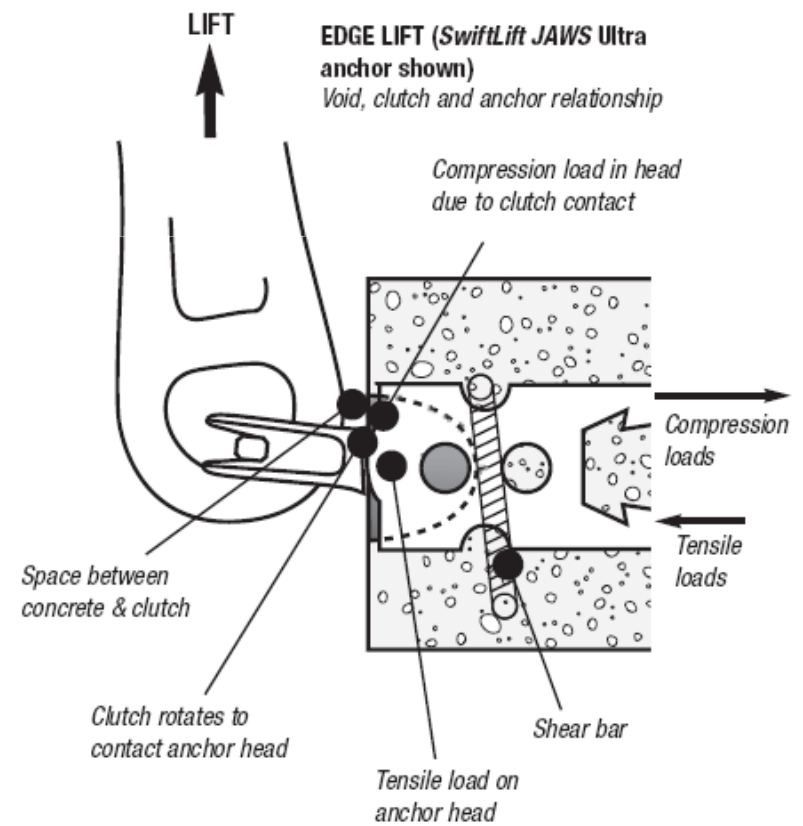
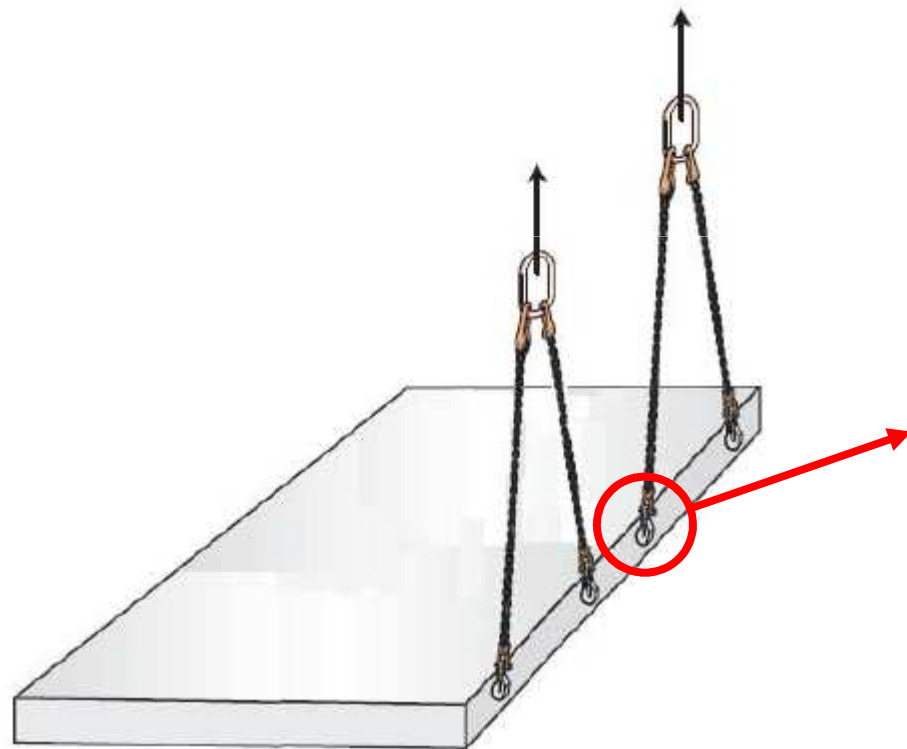
Check for wear and tare - SwiftLift™ JAWS™ Clutches



Type	WLL (max)	J (mm)	P (mm)
SJHLC	7t	20	16
SJULC	10t	20	20

Rigging

Edgelifting off casting table/bed

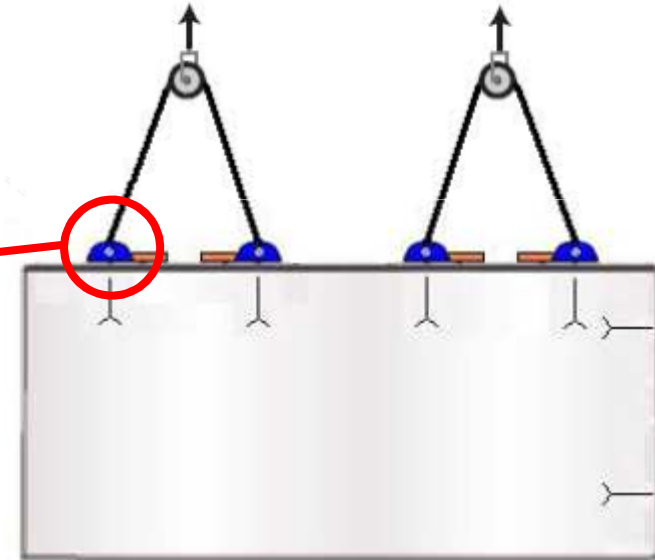
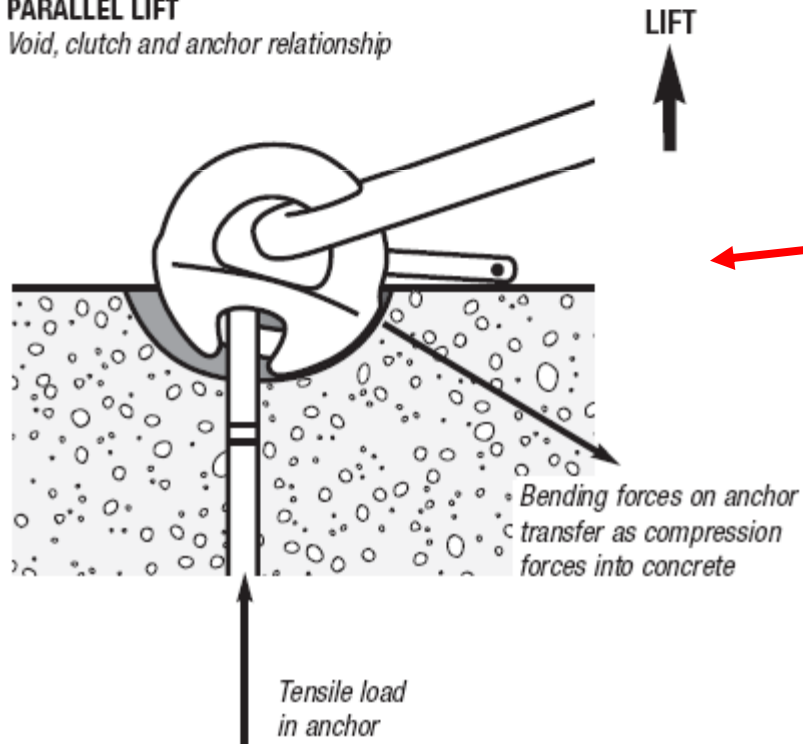


Rigging

Edgelifting off casting table/bed (cont'd)

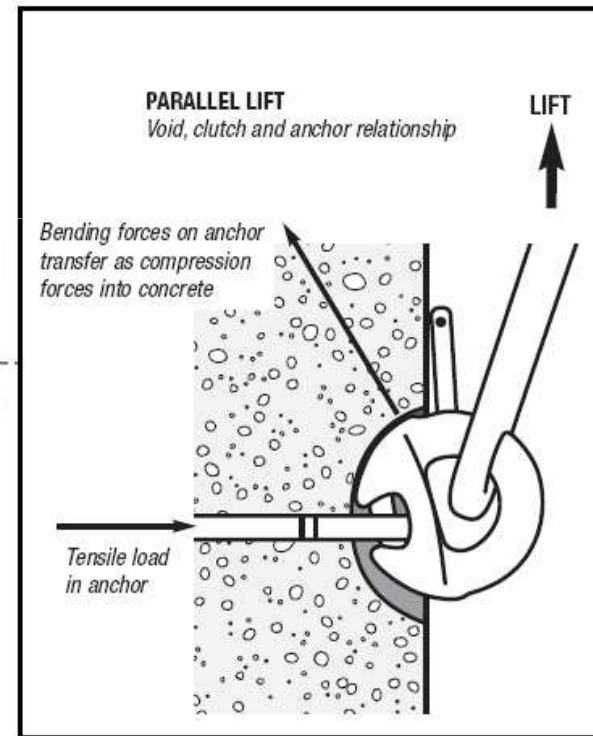
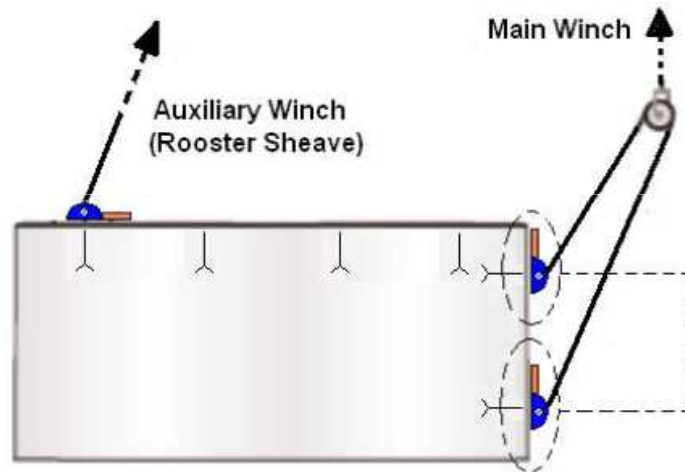
PARALLEL LIFT

Void, clutch and anchor relationship



Rigging

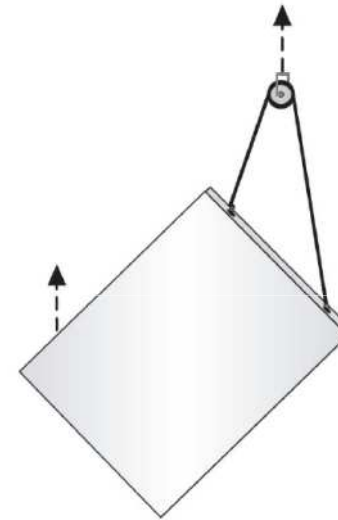
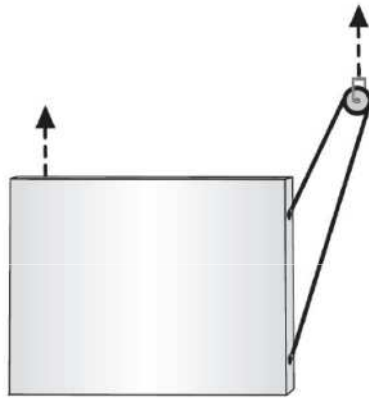
Rotational Lifting



- Many precast panels require a mid-air rotation so they can be positioned for final placement.
- Rigging requirement is shown in the diagram.

Rigging

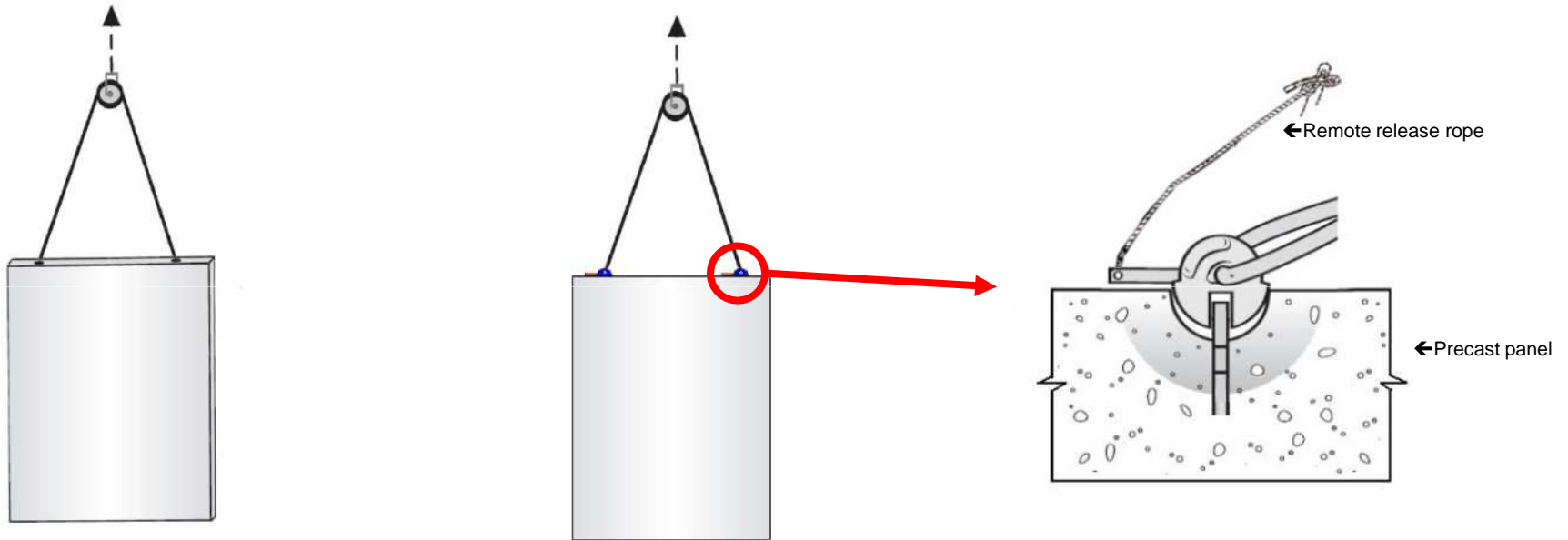
Rotational Lifting (cont'd)



- Initial Lift
 - Up to 70% of the mass of the precast element can be taken by the tail lifter during rotation
 - The tail lifter is subjected to the highest applied load at the initial stages of the rotational lift.
- Mid-way through rotation
 - As the panel is mid-way through the rotation, more and more load is transferred to the top pair of EdgeLifters
 - Simultaneously, less load is being applied on the tail lifter.

Rigging

Rotational Lifting (cont'd)



- Position for installation
 - Top pair of edgelifters are taking the entire load of the precast panel
 - The clutch is disengaged from the tail anchor.

- Remote releasing
 - When precast panel has been placed into its final position, disengaging the clutch can take place from the ground level with a remote release rope as shown above..