

LR Unit Manual Updates

Units Affected: All LR7, LR8, and LRV units. Verify your unit is affected by reviewing the attached list or accessing Altec Connect.

Background: Altec has updated maintenance and operator's manuals to bring better visibility to the inspection of the outrigger/subbase connection. These welds are critical to the longevity of the aerial device.

Customer Action: Cracks can be repaired when identified early. Inspect the welded joint during the preoperational inspections and during the 6-month preventive maintenance inspection as described in unit manuals. An updated set of manuals with expanded inspection criteria can be ordered from Altec.

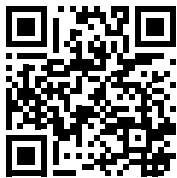
Ask your service provider to check for any outstanding notices at your next appointment.

Requirements: Add the included information to your manual. Make copies as needed for additional units. Customers may also print the affected pages by accessing the manuals digitally through Altec Connect, or by ordering new manuals by contacting Altec Parts. Tracking for this notice expires July 28, 2028.

Completion and Warranty: There is no warranty for this work. Completions can be marked by following the QR code and submitting completion form.



Scan code to for completion form



Altec Contact Info:

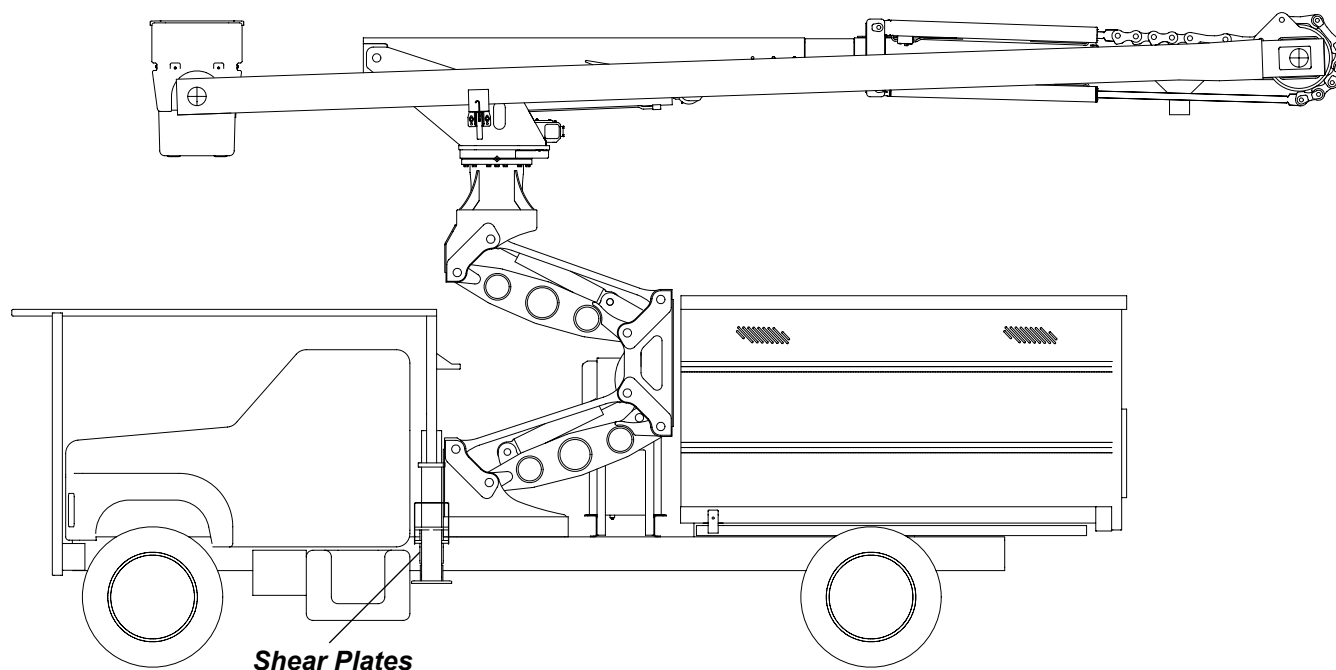
Phone: 1-877-GO ALTEC (1-877-462-5832)

Altec Connect Customer Portal: altec.com/altec-connect/

Altec Use Only	
Inspection labor	NA
Repair labor	NA
Account #	NA
Travel	Not included
NHTSA code	90
Prime fail P/N	NA
Kit instructions	NA

The following additions in ***bold italic*** were made to the Operator's Manual in Section 4 — Before You Operate and the Preoperational Checklist (if applicable) in the Appendix.

Inspection Diagram



Preoperational Inspection

6. Throughout the inspection, verify proper operation. Look for damage or excessive wear, cracks or corrosion, missing or loose fasteners, cracked or broken inspection marks. Pay particular attention to the following components.

- Lower boom pin
- Lower boom cylinder mounting pins
- Upper boom cylinders mounting hardware
- Platform mounting fasteners
- Rotation bearing cap screws
- Rotation gearbox mounting cap screws
- Upper boom drive links and hardware
- Outrigger anchor pins
- Pedestal tie down rods/shear plates and bolts
- Rotary joint mounting hardware
- Personal fall protection system
- Arm pins
- ***Shear plates***

Preoperational Checklist for LR8 Series

(Example only. Form content removed for brevity.)

- _____ Parking brake, wheel chocks, engine, PTO (in place, condition)
- _____ Ground conditions (adequate for proper support)
- _____ Tires (condition, proper inflation)
- _____ Hydraulic reservoir (cleanliness, oil level)
- _____ Hydraulic hoses, tubes, cylinders, atmospheric vents, gearboxes (condition, no leaks)
- _____ Electrical wiring and components (condition, cleanliness, no moisture)
- _____ Pins, pin retainers, fasteners, welds, **shear plates** (condition, no cracks, lubrication)
- _____ Covers (in place, condition)
- _____ Audible and visible safety and warning devices (operation)
- _____ Operational and instructional placards, slope indicators (in place, condition)
- _____ Fiberglass booms, boom tip covers, single handle controls, covers (condition, cleanliness)
- _____ Platform(s), liner(s), fall protection equipment (condition, cleanliness)
- _____ Annual inspection placard (expiration date)
- _____ Outrigger interlock system (operation)
- _____ Outriggers, motion alarm, selection (operation, no drift during preoperational inspection)
- _____ LevelReady system (operation)
- _____ Chassis coupling devices (condition, operation)
- _____ Lower controls (operation, return to neutral, emergency stop, station selector)
- _____ DC pump lower controls (operation)
- _____ Lanyard alert system (operation)
- _____ Lanyard interlock system (operation, no drift during preoperational inspection)
- _____ Upper controls (operation, emergency stop)
- _____ Upper controls interlock system (operation)
- _____ DC pump platform controls (operation)
- _____ Remote throttle system and battery powered electrical drive (operation)
- _____ Primary hydraulic power source (operation)
- _____ Outriggers (no drift once deployed)
- _____ Unit level with outriggers deployed (within specifications)

The following additions in ***bold italic*** were made to the Maintenance Manual in Section 4 — Preventive Maintenance and Inspection and Figure 4.X — Weld Inspection Area.

Structures

The structural components of the unit are identified in the Component Identification in Section 2. The unit has been designed to meet or exceed the specifications for vehicle mounted rotating and elevating aerial devices.

[....]



CAUTION

Injury can result from slipping and falling. Be careful when accessing and exiting the unit. Keep access areas clear of debris and obstructions. Use three points of contact and the handles and steps provided.

Periodic inspection of the structures is recommended to be certain that there has been no deformation, abnormal wear or abrasion, interference between moving parts, or cracking of the welds on structural members. Some welds may require additional measures to adequately inspect the weld. This might include accessing the underside of the unit, removing covers, or using a flashlight to visually inspect the weld condition.

Welds

All welds on the unit are originally applied in conformance to AWS standards. Every weld on the unit is important and should be periodically inspected.

[....]

Pay close attention to welds that are located where changes in cross section take place, such as the inner plates perpendicular to the base plate of the turntable. Also, particular attention should be paid to welds located near the attachment points of highly loaded components, such as the lower boom cylinder, where ultimate failure could cause injury to personnel or damage to the unit.

Particular attention should also be given to welds connecting outriggers and subbases to shear plates, as these welds keep the unit mounted to the chassis. Failure of these welds could result in separation of the unit and understructure from the chassis. Due to shear plate location, visibility of these welds may be limited and may require accessing the underside of the unit and using a flashlight for adequate inspection.

To assist in the inspection of the welds on the unit, Figure 4.X shows these areas. If any cracks or unacceptable conditions are discovered, report them to your Altec representative.

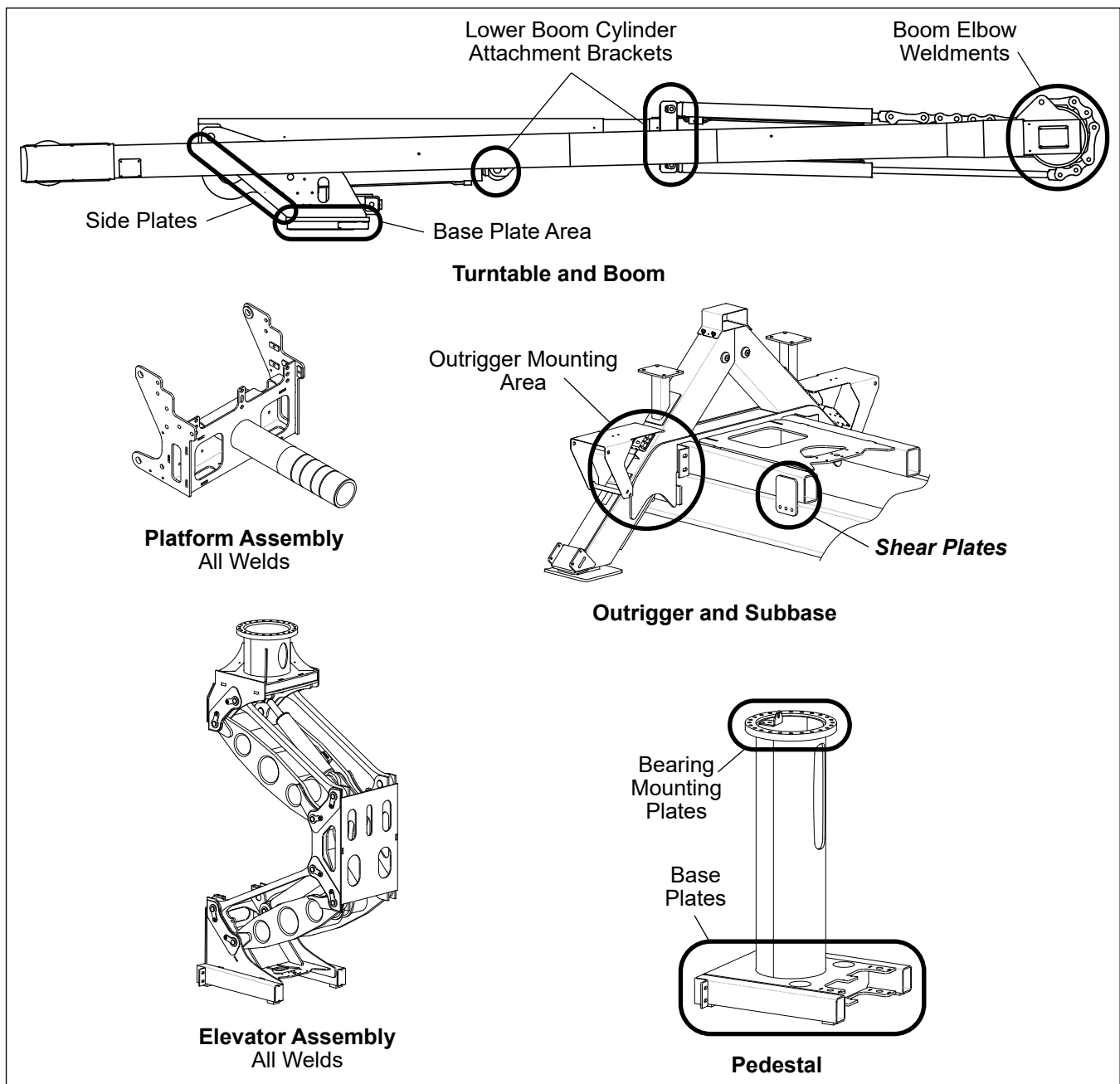


Figure 4.X — Weld Inspection Areas

Figure artwork may show a different arrangement of component and assembly views depending on the manual.
The only new information is the shear plates callout.



AVISO DE ACTUALIZACIÓN DEL PRODUCTO (PUN)

PUN-3288-A

Actualizaciones al Manual de la Unidad LR

Unidades afectadas: Todas las unidades LR7, LR8 y LRV. Verifique si su unidad está afectada, revisando la lista adjunta o accediendo a Altec Connect.

Antecedentes: Altec ha actualizado los manuales de mantenimiento y del operador para mejorar la visibilidad de la inspección de la conexión entre los estabilizadores y el sobrechasis. Estas soldaduras son fundamentales para la vida útil del dispositivo aéreo.

Medidas del cliente: Las grietas pueden repararse si se detectan de manera temprana. Inspeccione la junta soldada durante las inspecciones previas a la operación y durante la inspección de mantenimiento preventivo semestral, como se describe en los manuales de la unidad. Puede solicitar a Altec un juego actualizado de manuales con criterios de inspección ampliados.

Pida a su proveedor de servicios que verifique si hay avisos pendientes en su próxima visita.

Requisitos: Agregar la información incluida a su manual. Haga copias si fuera necesario para otras unidades. Los clientes también pueden imprimir las páginas afectadas accediendo a los manuales en formato digital a través de Altec Connect, o solicitar manuales nuevos comunicándose con Altec Parts. El seguimiento de este aviso vence el 28 de julio de 2028.



*Escanee el código
para acceder al
formulario de
finalización*

Finalización y garantía: No hay garantía para este trabajo. Las finalizaciones realizadas pueden registrarse escaneando el código QR y enviando el formulario de finalización.



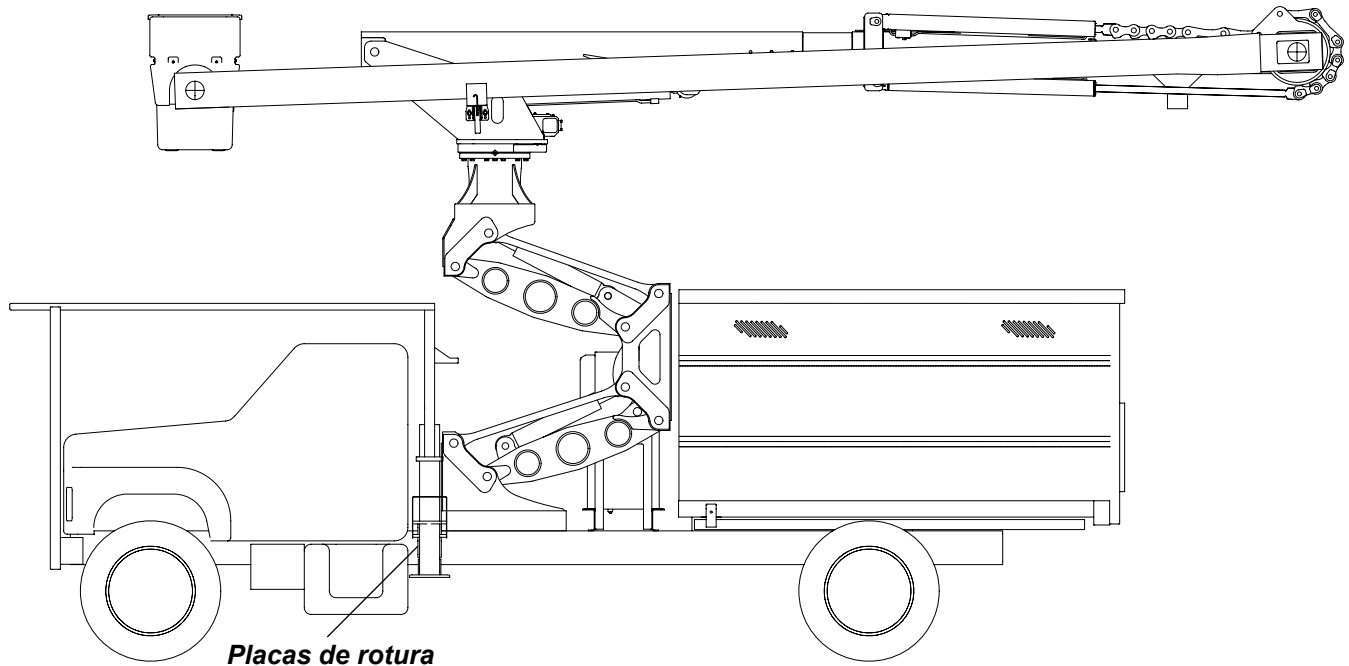
Información de contacto de Altec:

Teléfono: 1-877-GO ALTEC (1-877-462-5832) — Portal de clientes Altec Connect: altec.com/altec-connect/

Para uso exclusivo de Altec	
Trabajo de inspección	N/D
Trabajo de reparación	N/D
Número de cuenta	010.1026.43156.000.9643.000
Traslado	No incluido
Código NHTSA	90
Falla principal P/N	N/D
Instrucciones del kit	N/D

Las siguientes adiciones, ***en negrita y cursiva***, se realizaron en el Manual del operador, en la Sección 4 — Antes de operar y en la Lista de verificación previa a la operación (si corresponde) del Apéndice.

Diagrama de inspección



Inspección previa a la operación

6. A lo largo de la inspección, verifique que la operación sea la adecuada. Inspeccione para detectar daños o desgaste excesivo, grietas o corrosión, sujetadores faltantes o flojos, y marcas de inspección agrietadas o rotas. Preste especial atención a los siguientes componentes.

- Pasador de pluma inferior
- Pasadores para montaje del cilindro de la pluma inferior
- Equipo de montaje de los cilindros de la pluma superior
- Sujetadores para montaje de la plataforma
- Tornillos del cojinete de rotación
- Tornillos para montaje de la caja de engranajes de rotación
- Eslabones motrices y elementos de sujeción de la pluma superior
- Pasadores de anclaje de los estabilizadores
- Vástagos de acoplamiento/placas de rotura y pernos del pedestal
- Equipo de montaje de la junta giratoria
- Sistema personal contra caídas
- Pasadores del brazo
- ***Placas de rotura***

Lista de verificación previa a la operación para Serie LR8

(Solo como ejemplo. El contenido del formulario se ha omitido por motivos de brevedad.)

- _____ Freno de mano, cuñas para las ruedas, motor, PTO (en su lugar, estado)
- _____ Condiciones del suelo (adecuado para soporte correcto)
- _____ Neumáticos (estado, inflado adecuado)
- _____ Tanque hidráulico (limpieza, nivel de aceite)
- _____ Mangueras hidráulicas, tubos, cilindros, respiraderos, cajas de engranajes (estado, sin pérdidas)
- _____ Cableado eléctrico y componentes (estado, limpieza, sin humedad)
- _____ Pasadores, sujetadores de pasador, sujetadores, **placas de rotura** (estado, sin grietas, lubricación)
- _____ Cubiertas (en su lugar, estado)
- _____ Dispositivos de advertencia y seguridad visuales y auditivos (operación)
- _____ Placas de operación e instrucción, indicadores de pendiente (en su lugar, estado)
- _____ Plumitas de fibra de vidrio, cubiertas de punta de la pluma, palancas únicas de control, tapas (estado, limpieza)
- _____ Plataforma(s), forro(s), equipos de protección contra caídas (estado, limpieza)
- _____ Placa de inspección anual (fecha de vencimiento)
- _____ Sistema de enclavamiento del estabilizador (operación)
- _____ Estabilizadores, alarma de movimiento, selector (operación, sin desplazamiento durante la inspección previa a la operación)
- _____ Dispositivos de acople del chasis (estado, operación)
- _____ Controles inferiores (operación, regreso a neutral, parada de emergencia, selector de estación)
- _____ Controles inferiores de la bomba DC (operación)
- _____ Sistema de alerta del cordón de seguridad (operación)
- _____ Sistema de enclavamiento del cordón de seguridad (operación, sin desplazamiento durante la inspección previa a la operación)
- _____ Sistema LevelReady (operación)
- _____ Controles superiores (operación, parada de emergencia)
- _____ Sistema de enclavamiento de controles superiores (operación)
- _____ Controles de plataforma de la bomba DC (operación)
- _____ Sistema acelerador remoto y mando eléctrico alimentado desde la batería (operación)
- _____ Fuente principal de energía hidráulica (operación)
- _____ Estabilizadores (sin desplazamiento una vez que se despliegan)
- _____ Nivelación de la unidad con los estabilizadores desplegados (dentro de las especificaciones)

Las siguientes adiciones, *en negrita y cursiva*, se realizaron en el Manual de mantenimiento, en la Sección 4 — Inspección y mantenimiento preventivo y en la Figura 4.X — Área de inspección de soldaduras.

Structures

The structural components of the unit are identified in the Component Identification in Section 2. The unit has been designed to meet or exceed the specifications for vehicle mounted rotating and elevating aerial devices.

[....]



CAUTION

Injury can result from slipping and falling. Be careful when accessing and exiting the unit. Keep access areas clear of debris and obstructions. Use three points of contact and the handles and steps provided.

Periodic inspection of the structures is recommended to be certain that there has been no deformation, abnormal wear or abrasion, interference between moving parts, or cracking of the welds on structural members. Some welds may require additional measures to adequately inspect the weld. This might include accessing the underside of the unit, removing covers, or using a flashlight to visually inspect the weld condition.

Welds

All welds on the unit are originally applied in conformance to AWS standards. Every weld on the unit is important and should be periodically inspected.

[....]

Pay close attention to welds that are located where changes in cross section take place, such as the inner plates perpendicular to the base plate of the turntable. Also, particular attention should be paid to welds located near the attachment points of highly loaded components, such as the lower boom cylinder, where ultimate failure could cause injury to personnel or damage to the unit.

Particular attention should also be given to welds connecting outriggers and subbases to shear plates, as these welds keep the unit mounted to the chassis. Failure of these welds could result in separation of the unit and understructure from the chassis. Due to shear plate location, visibility of these welds may be limited and may require accessing the underside of the unit and using a flashlight for adequate inspection.

To assist in the inspection of the welds on the unit, Figure 4.X shows these areas. If any cracks or unacceptable conditions are discovered, report them to your Altec representative.

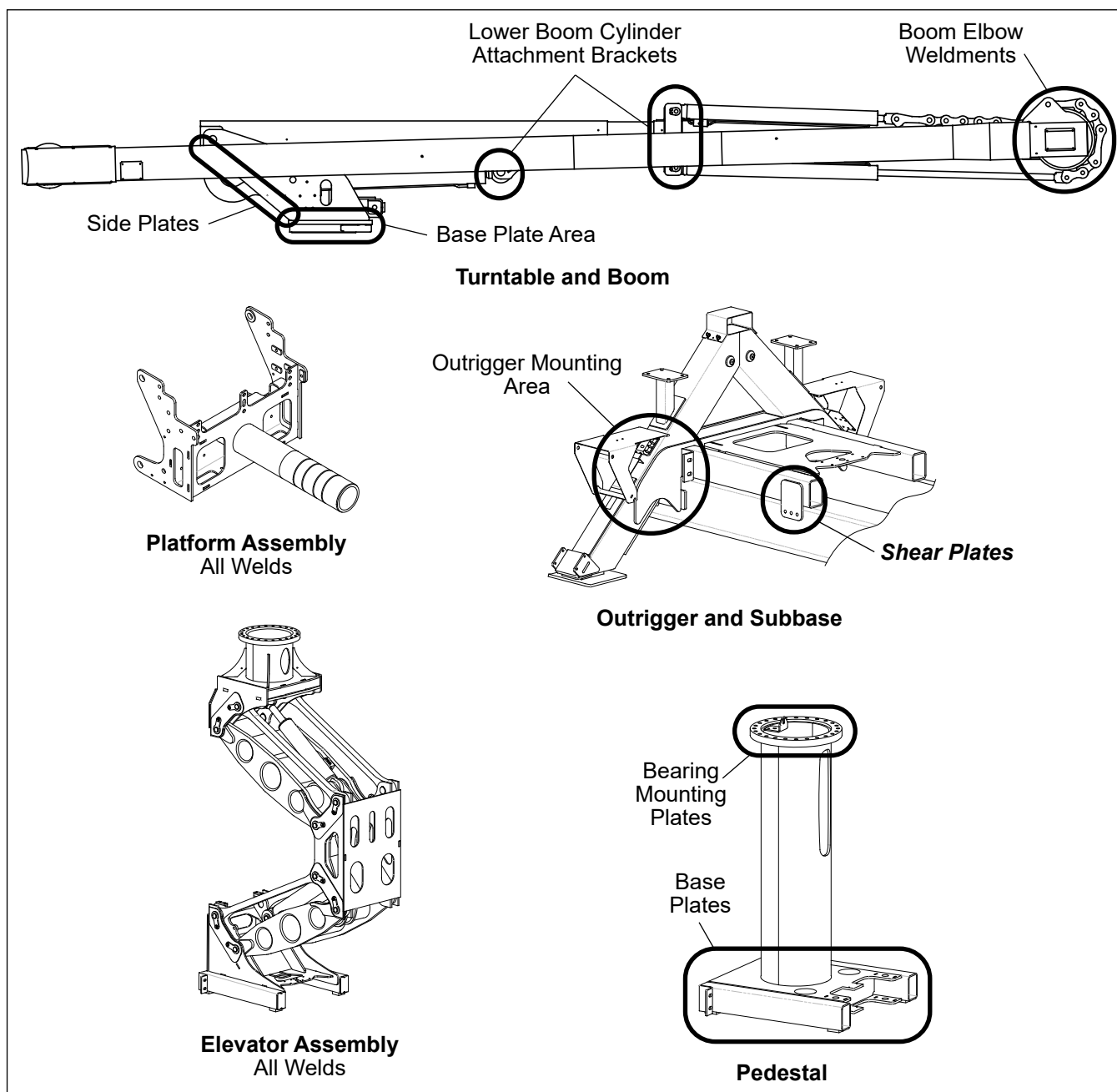


Figure 4.X — Weld Inspection Areas

La ilustración de la figura puede mostrar una disposición diferente de las vistas de los componentes y conjuntos, según el manual. La única información nueva es la referencia a las placas de rotura.