
Main Landing Gear Torque Links - Disassembly procedures

Job code	754343D
Summary	Disassembly of Torque links on Main Landing Gear
Work type	Disassembly
Role	Maintenance disassembly
Expected time	42 min
Work cell	6
Previous job	754340D
Next job	75345D
Work order	
Revision	1.3 B

PREREQUISITES

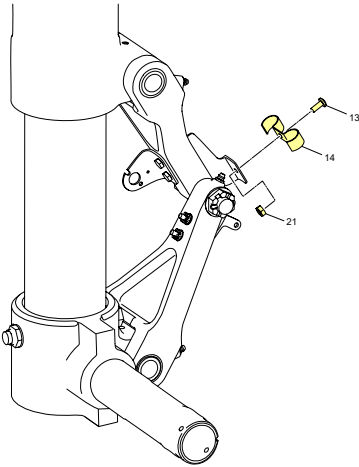
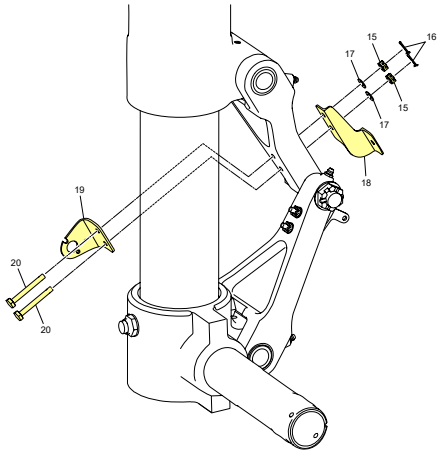
Safety Gear should be worn at all times.

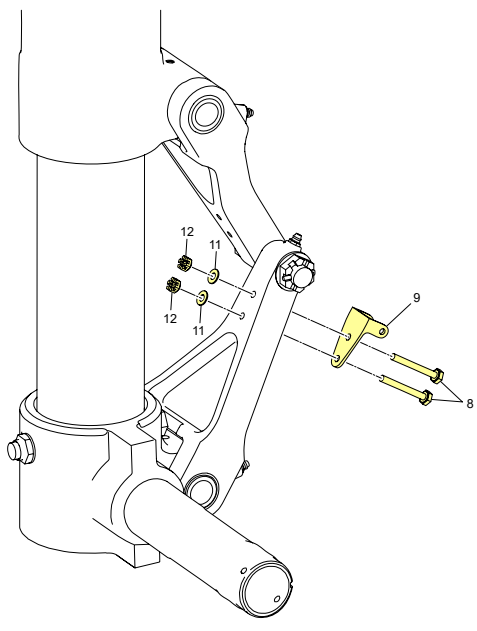
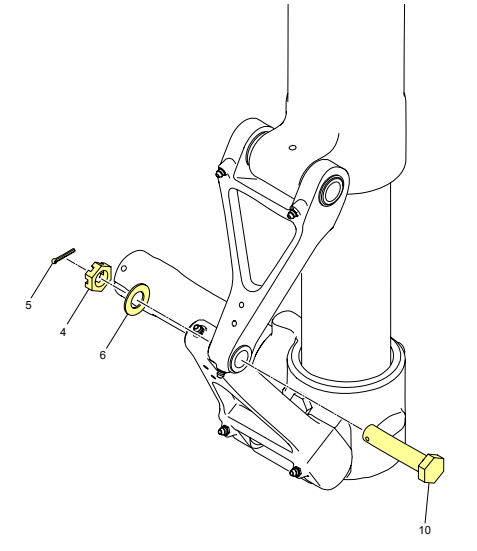
Procedure is the same for left and right landing gear struts.

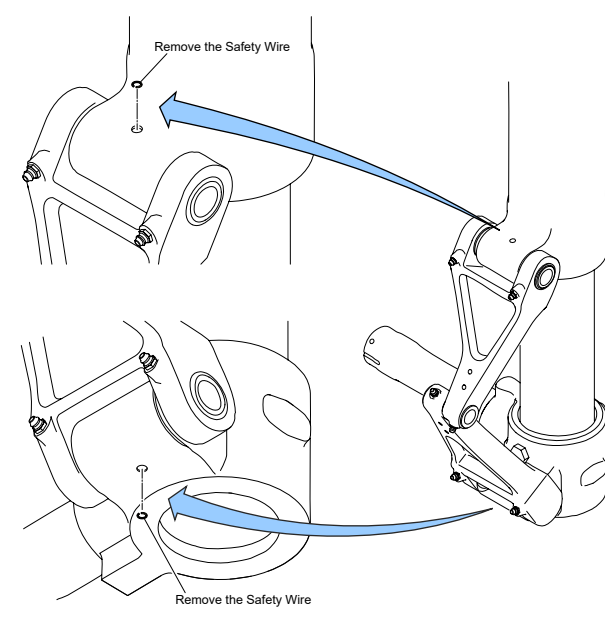
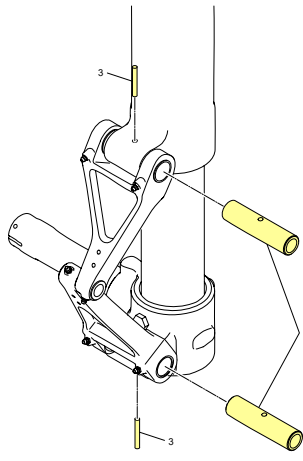
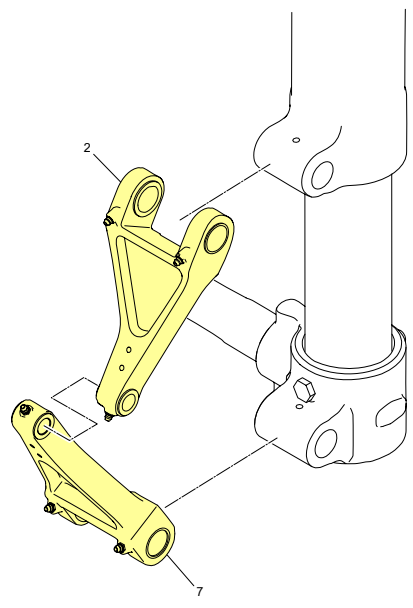
PARTS LIST

Part number/ Alternative part number	Description	Quantity
nut_21	nut	1
standoff_bracket_18	standoff bracket	1
nut_4	nut	1
bolt_10	bolt	1
washer_6	washer	1
screw_13	screw	1
nuts_15	nuts	2
washers_17	washers	2
bolts_20	bolts	2
cotter_pins_16	cotter pins	2
cotter_pin_5	cotter pin	1
strut	strut	1
lower_torque_link_7	lower torque link	1
torque_link_bushings	torque link bushings	2
spring_pin_3	spring pin	2
upper_torque_link_2	upper torque link	1
switch_bracket_19	switch bracket	1
clamp_14	clamp	1
switch_terminal_bracket_9	switch terminal bracket	1
bolts_8	bolts	2
washers_11	washers	2
nuts_12	nuts	2
link_pin_1	link pin	2
wheel_assy	wheel assy	1
safety_wire	safety wire	2

JOB

№	Task	Illustration
1	Prerequisites. NOTE Procedures for the right and left components are the same. Only the procedures for the left are given.	
2	Remove the wheel assy.	
3	Remove the screw (13) , clamp (14) and nut (21) from the upper torque link (2) standoff bracket (18) .	
4	Remove the cotter pins (16) , nuts (15) , washers (17) , bolts (20) , standoff bracket (18) and switch bracket (19) from the upper torque link (2) .	

№	Task	Illustration
5	Remove the nuts (12) , washers (11) , bolts (8) and the switch terminal bracket (9) from the lower torque link (7) .	
6	Remove the cotter pin (5) , nut (4) , washer (6) and bolt (10) from the torque links (2 and 7) .	

№	Task	Illustration
7	Remove the safety wires from the upper and lower slotted spring pins (3) . Remove the spring pins (3) .	 <p>The illustration shows two views of a suspension component. The top view shows a safety wire being removed from an upper slotted spring pin (3), with a blue arrow pointing to the wire and the text 'Remove the Safety Wire'. The bottom view shows a safety wire being removed from a lower slotted spring pin (3), also with a blue arrow and the text 'Remove the Safety Wire'. A larger blue arrow points from the top view to the bottom view, indicating the sequence of operations.</p>
8	Remove link pins (1) from the upper (2) and lower (7) torque links.	 <p>The illustration shows a suspension component with two yellow link pins (1) being removed from the upper (2) and lower (7) torque links. The pins are shown being pulled out of the links, with lines indicating their removal points.</p>
9	Remove the upper torque link (2) and lower torque link (7) from the strut and axle .	 <p>The illustration shows the upper torque link (2) and lower torque link (7) being removed from the strut and axle. The links are shown in yellow, and lines indicate their removal points from the suspension assembly.</p>

№	Task	Illustration
10	Inspect the strut , pins and torque link bushings for damage.	