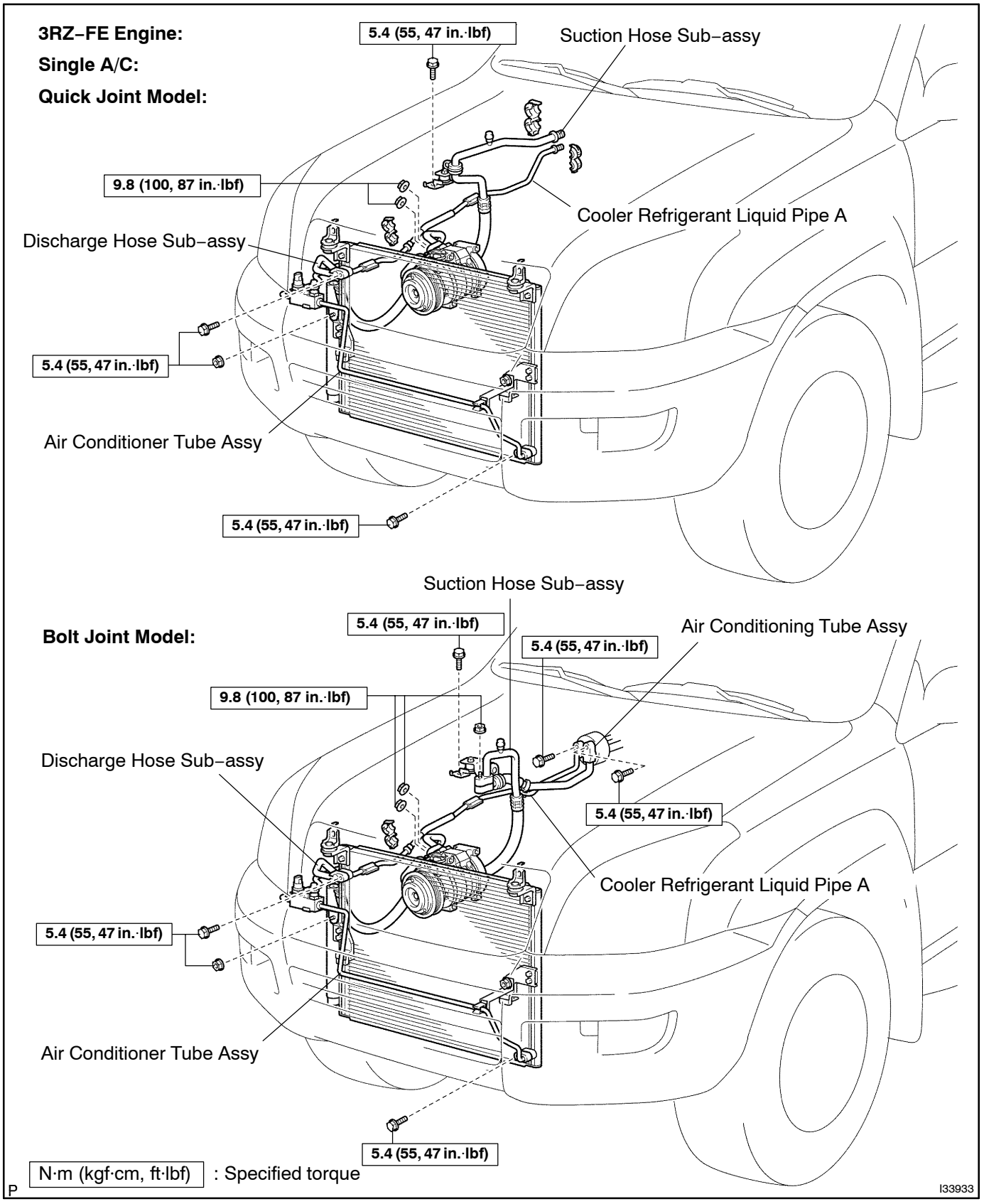
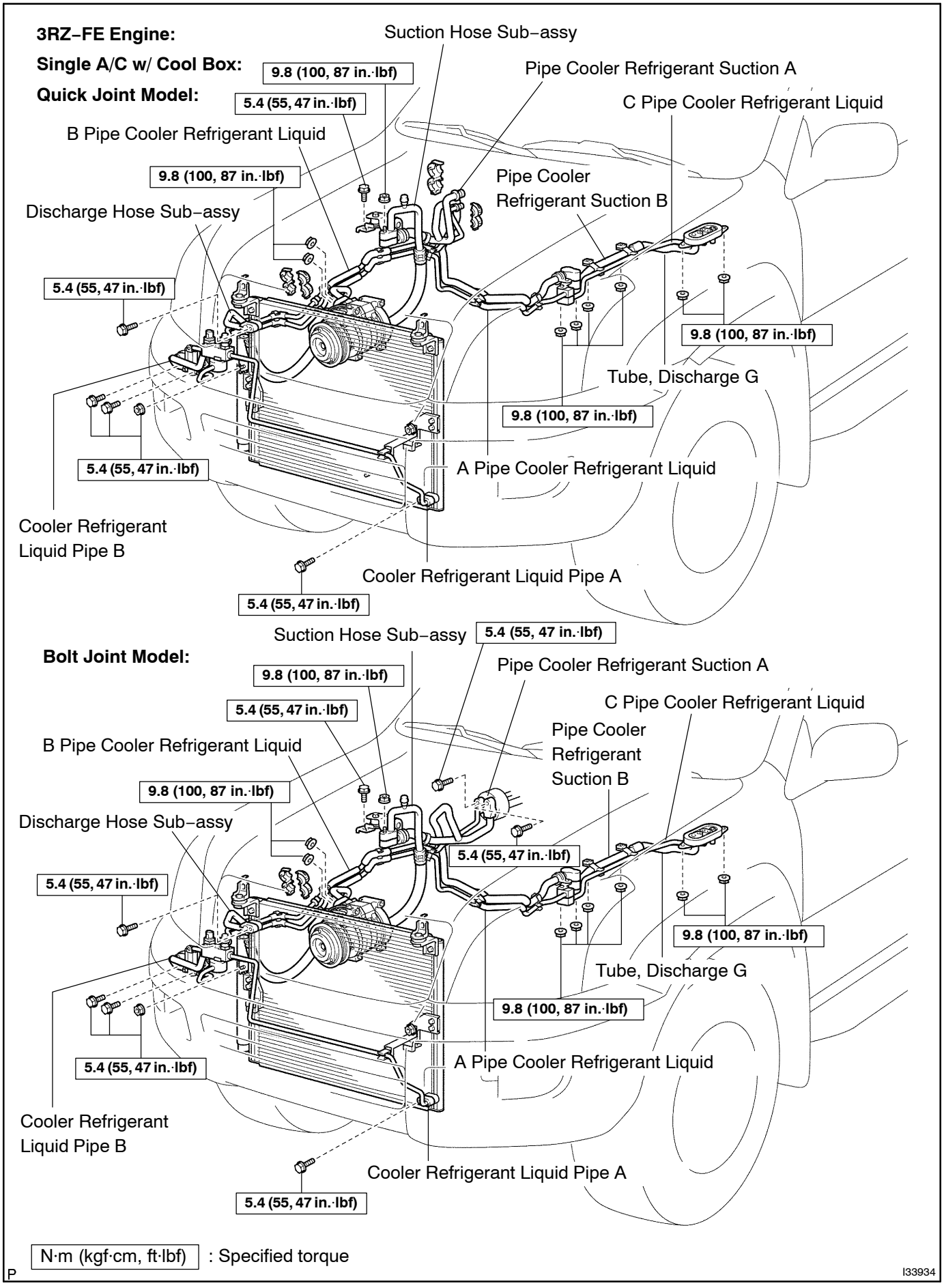
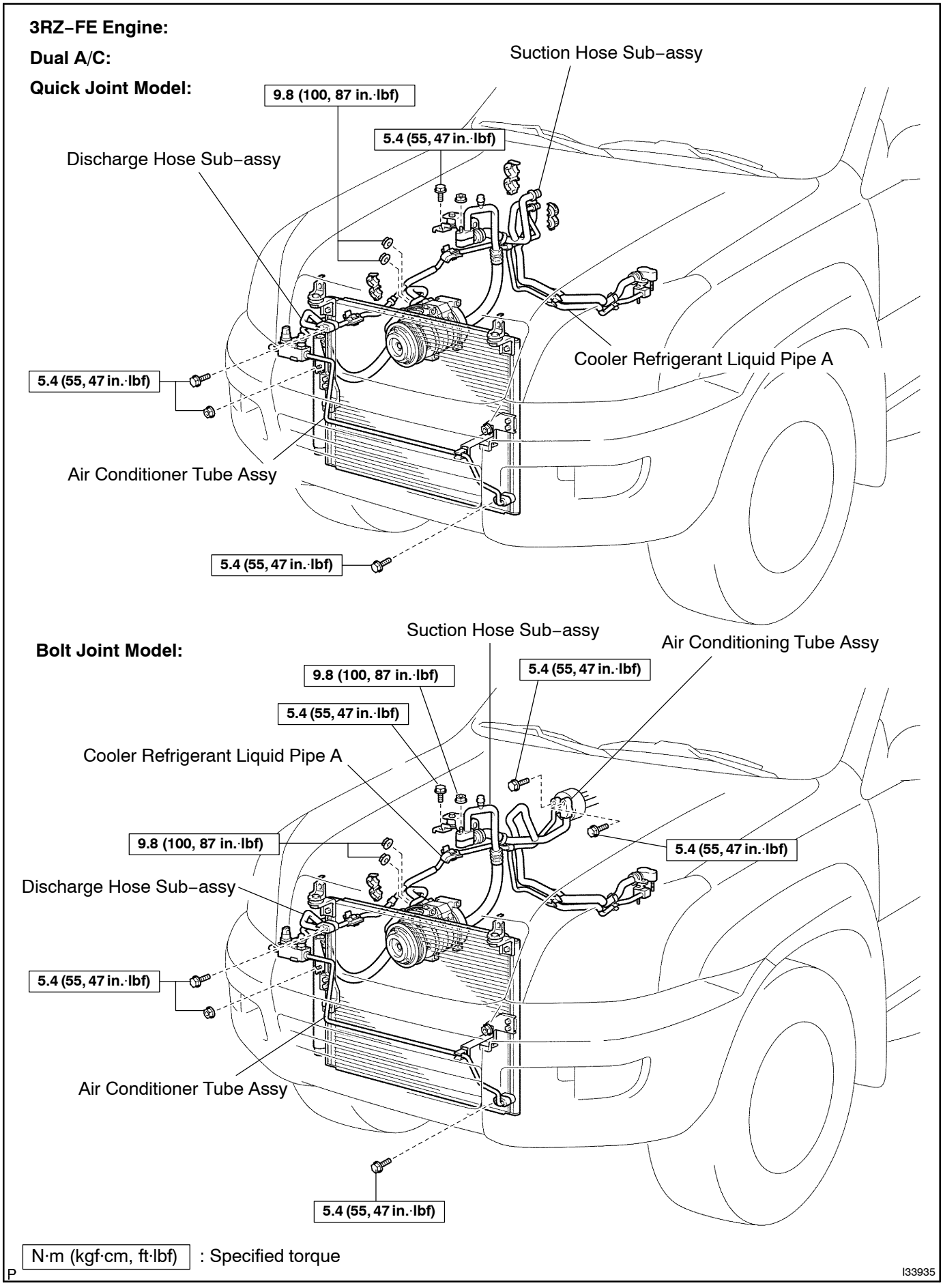
REFRIGERANT LINE

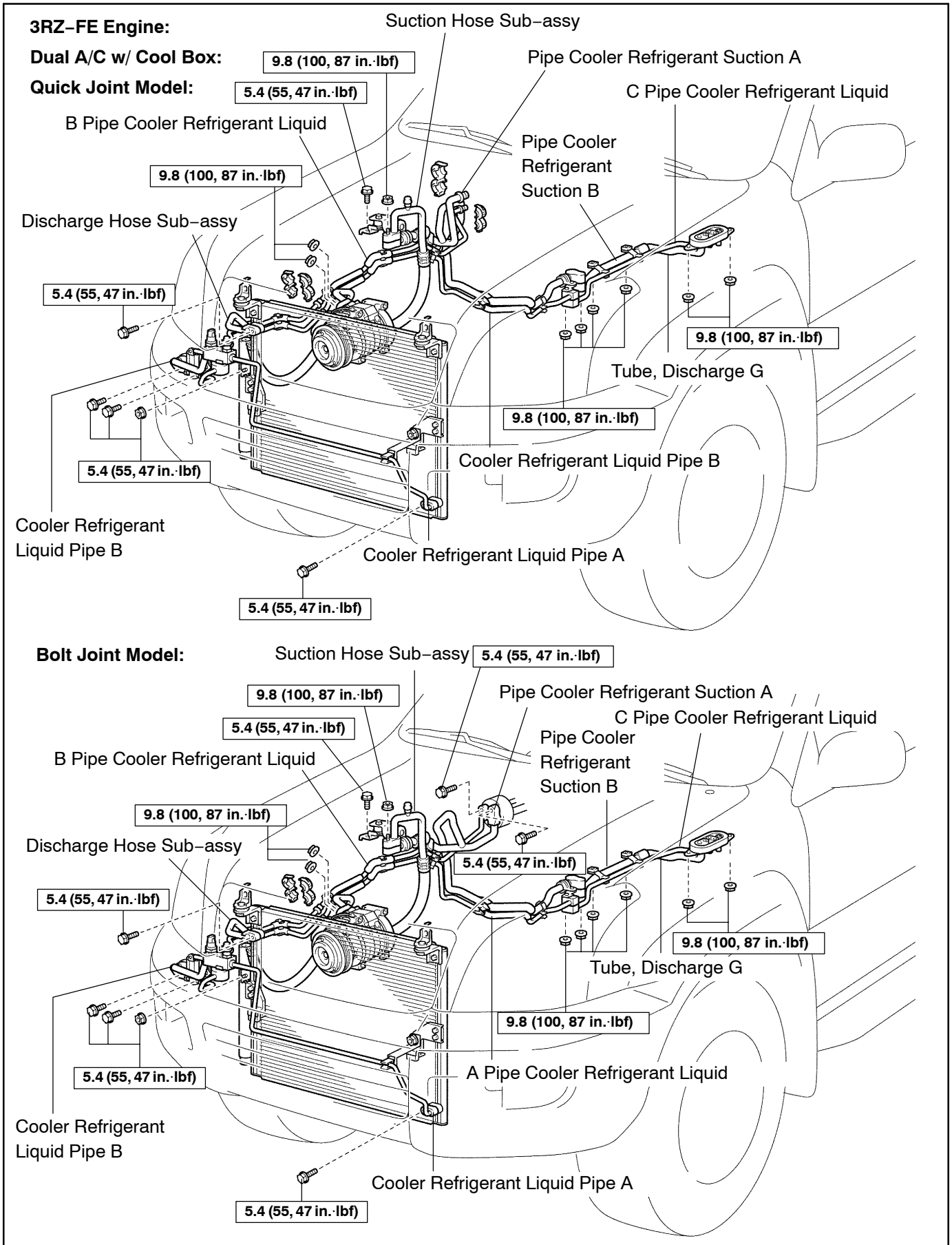
COMPONENTS

550SJ–01




3RZ–FE Engine:
Single A/C w/ Cool Box:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction A
C Pipe Cooler Refrigerant Liquid
B Pipe Cooler Refrigerant Liquid
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction B
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
5.4 (55, 47 in.·lbf)
C Pipe Cooler Refrigerant Liquid
Pipe Cooler Refrigerant Suction B
B Pipe Cooler Refrigerant Liquid
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33934

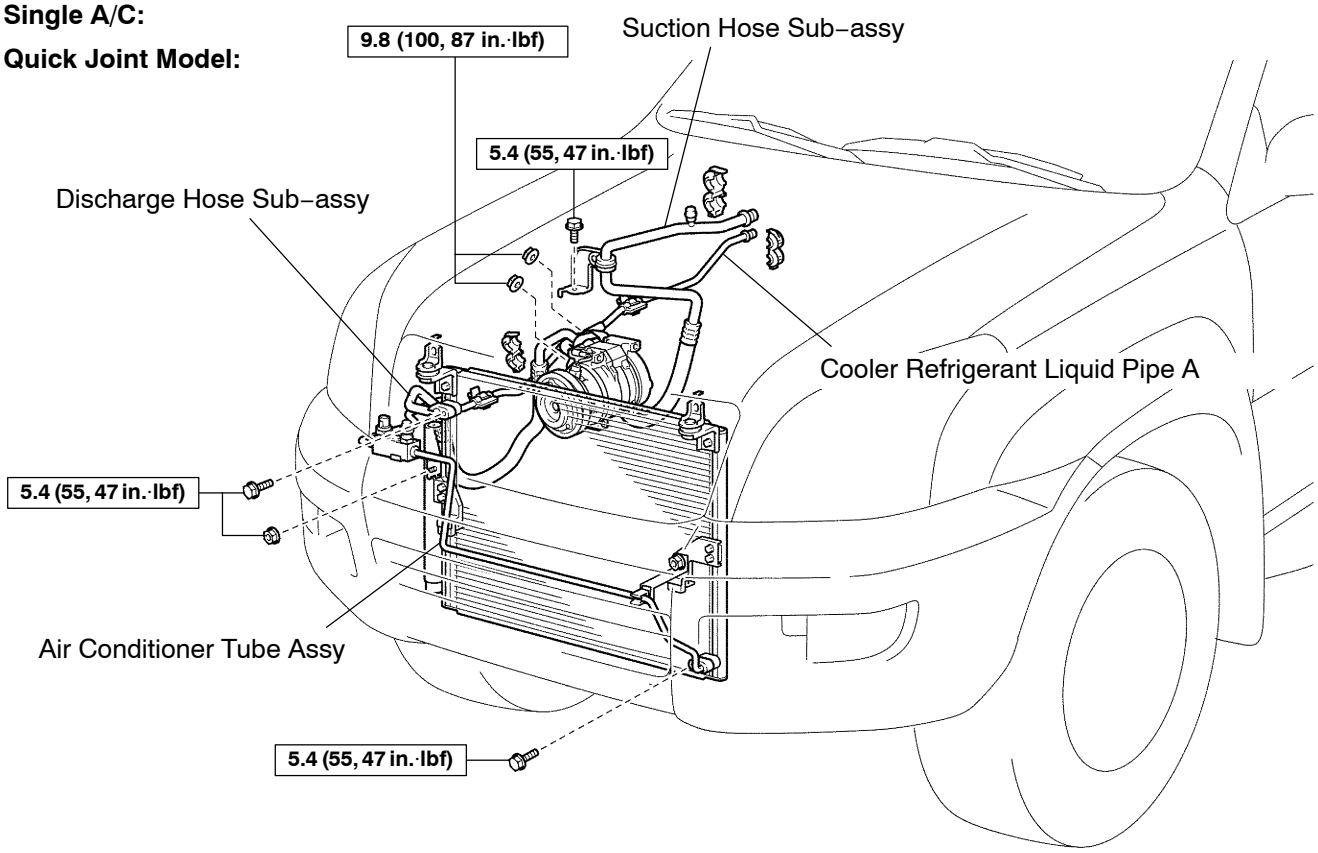

3RZ–FE Engine:
Dual A/C:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
Air Conditioning Tube Assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
Cooler Refrigerant Liquid Pipe A
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33935


3RZ–FE Engine:
Dual A/C w/ Cool Box:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction A
C Pipe Cooler Refrigerant Liquid
B Pipe Cooler Refrigerant Liquid
Pipe Cooler Refrigerant Suction B
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
Cooler Refrigerant Liquid Pipe B
5.4 (55, 47 in.·lbf)
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
C Pipe Cooler Refrigerant Liquid
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction B
B Pipe Cooler Refrigerant Liquid
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
A Pipe Cooler Refrigerant Liquid
5.4 (55, 47 in.·lbf)
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33936

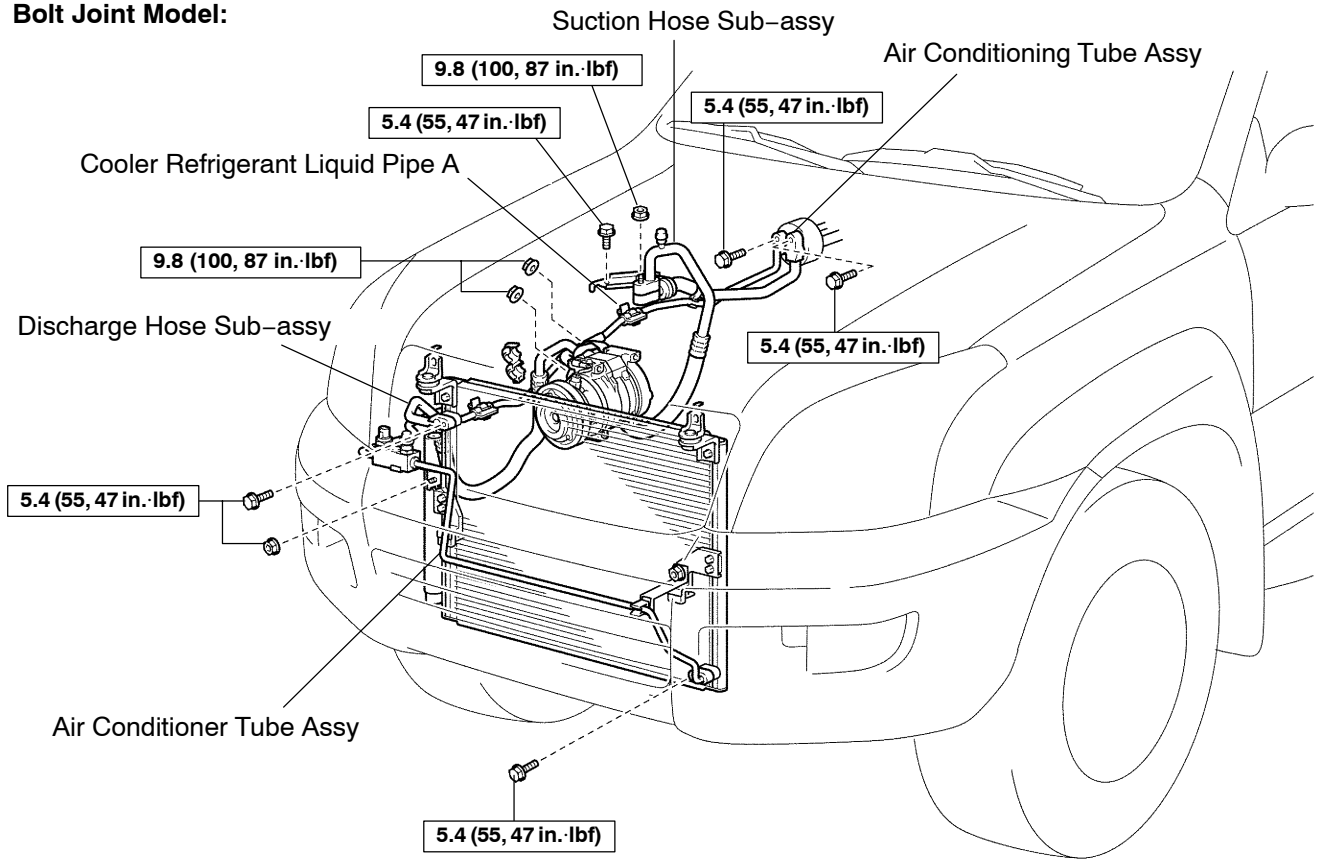
5L–E Engine:

Single A/C:

Quick Joint Model:



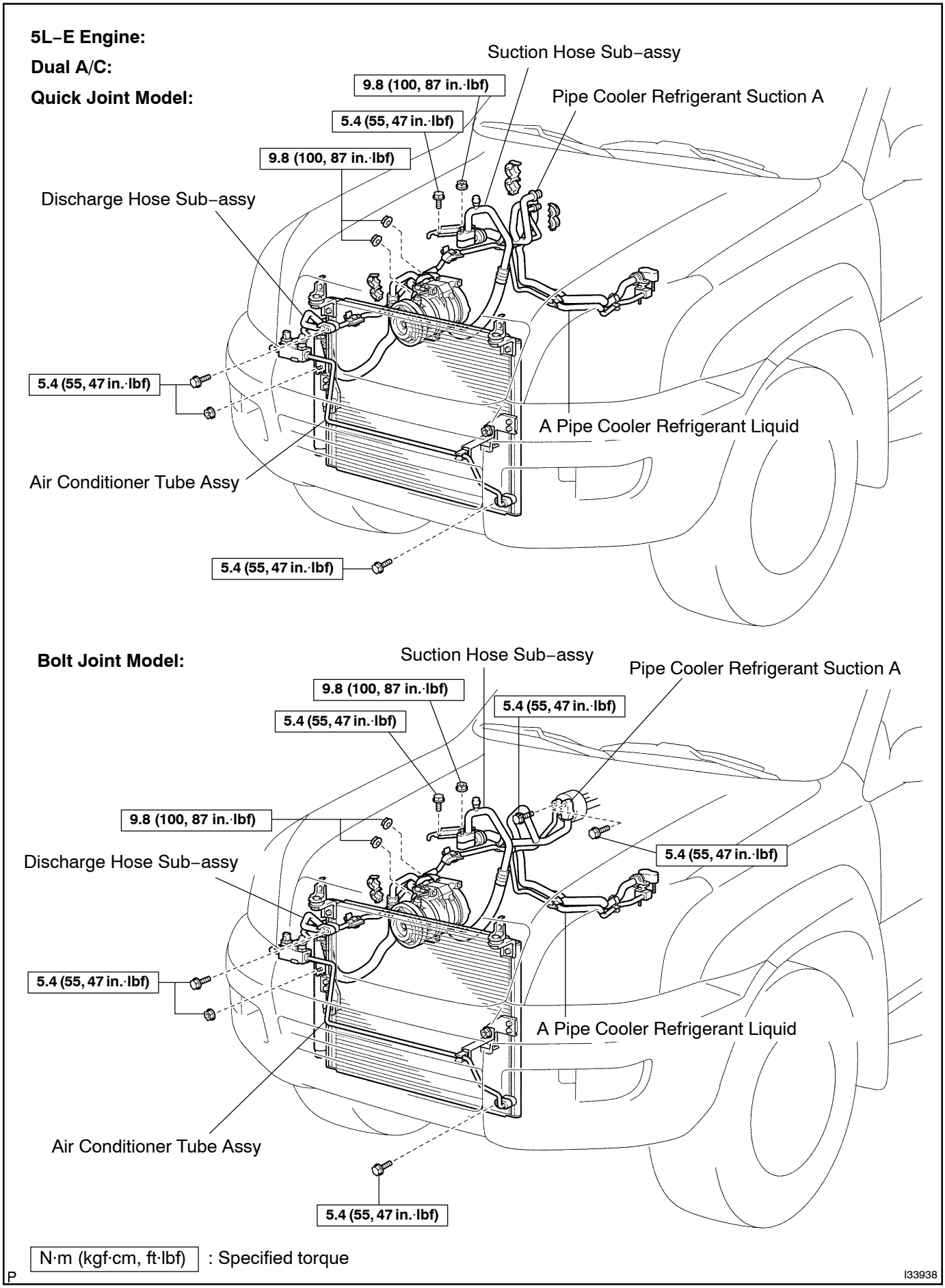
Bolt Joint Model:

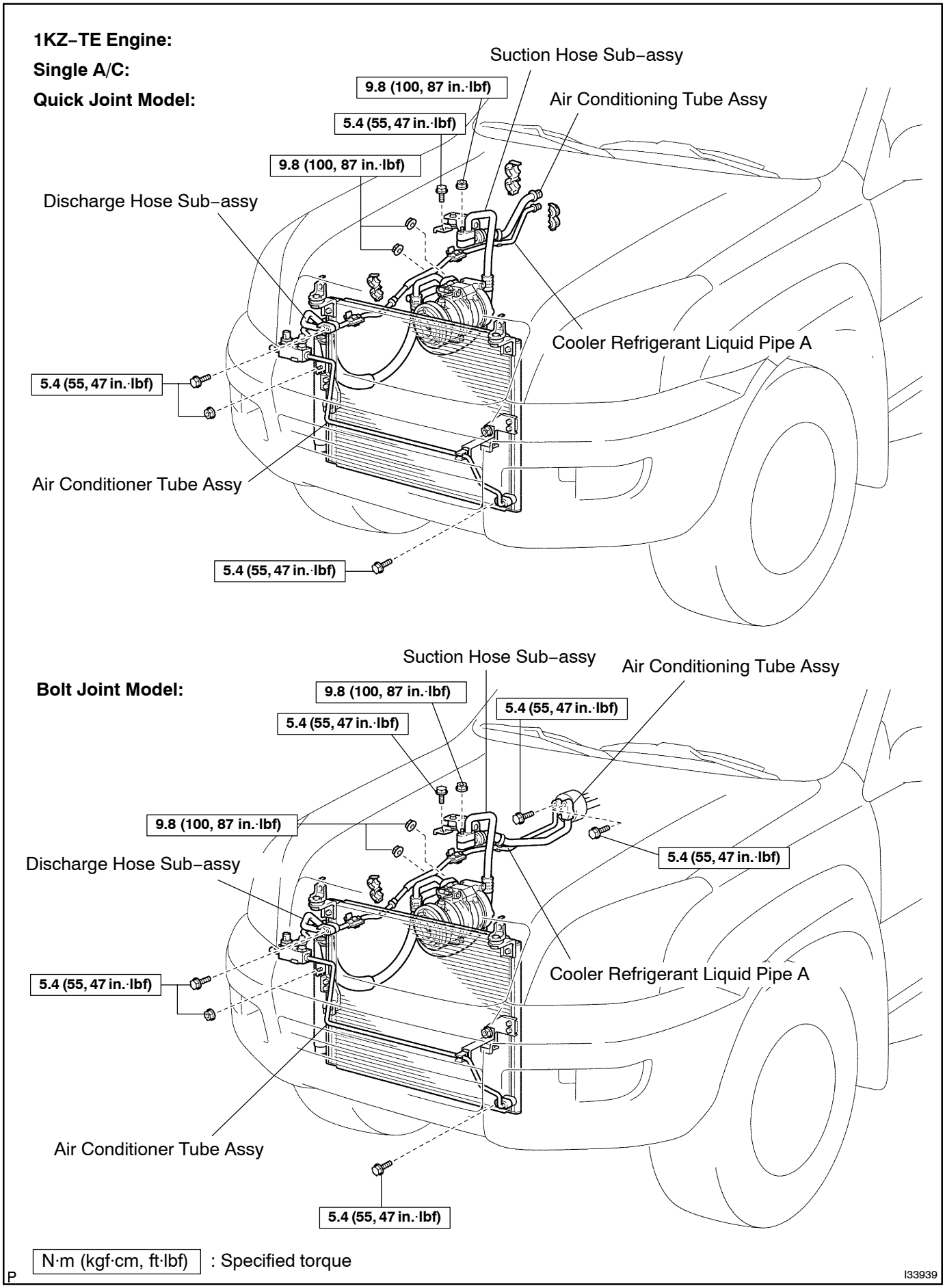


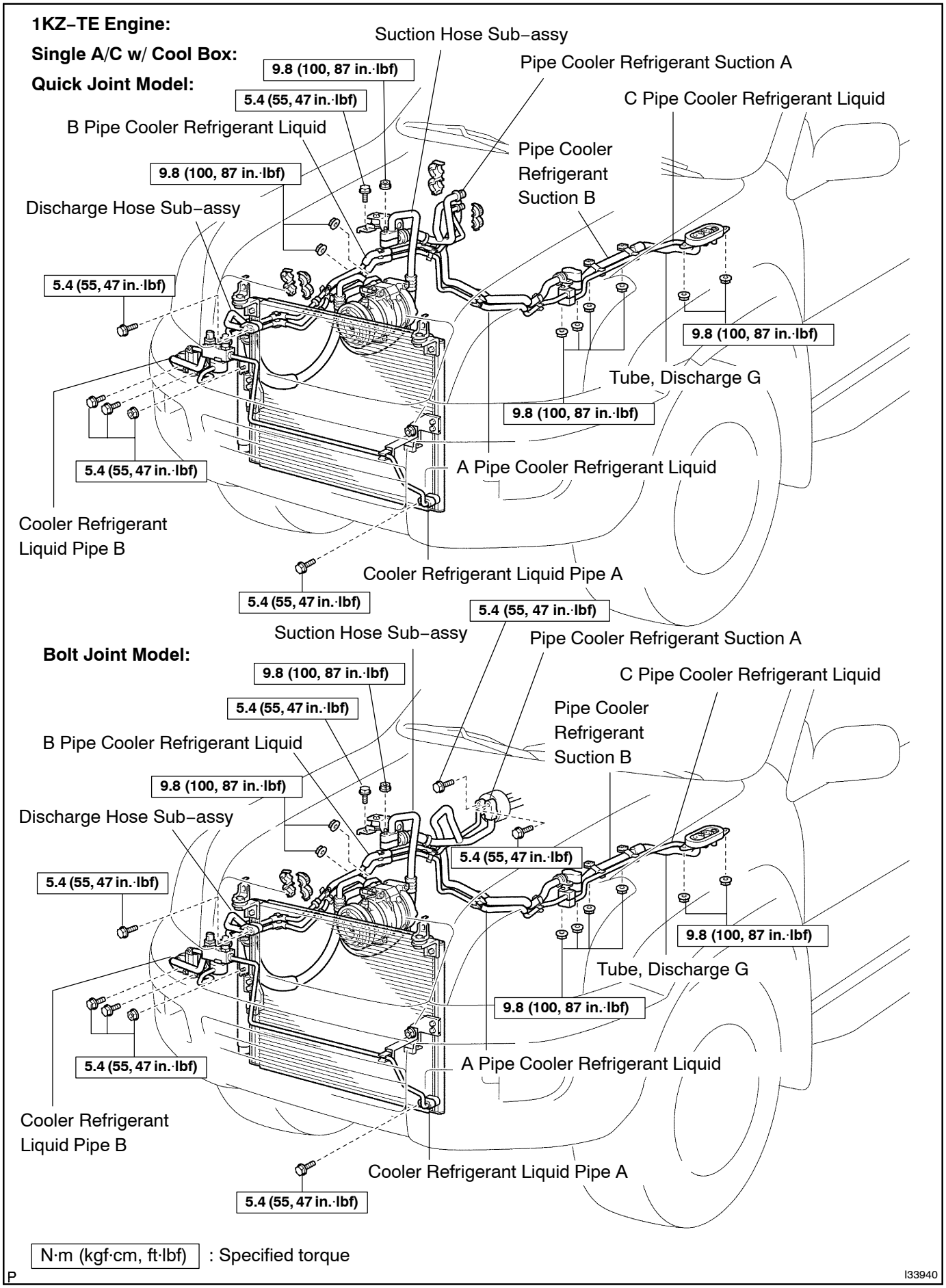
N·m (kgf·cm, ft·lbf) : Specified torque

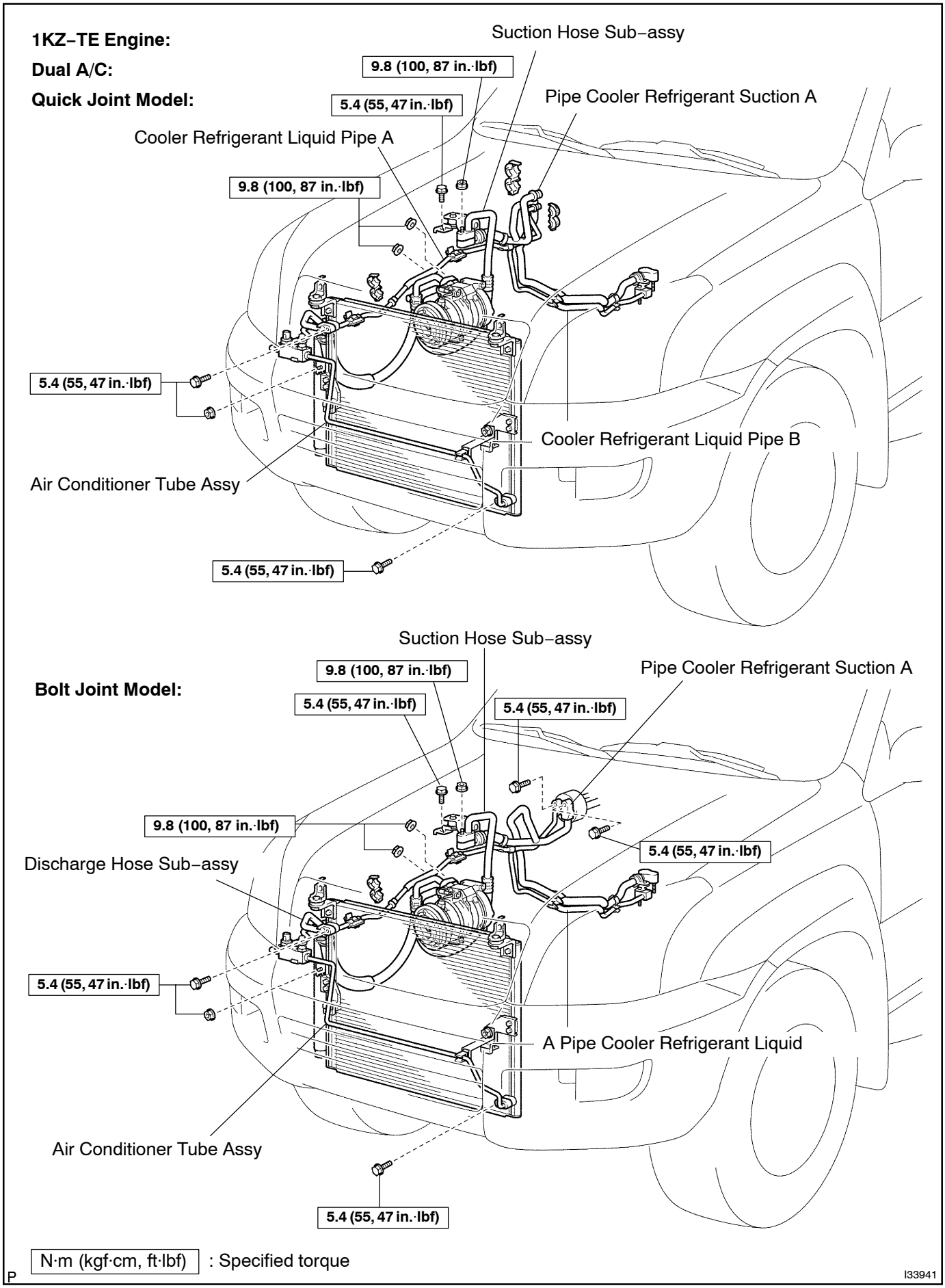
P

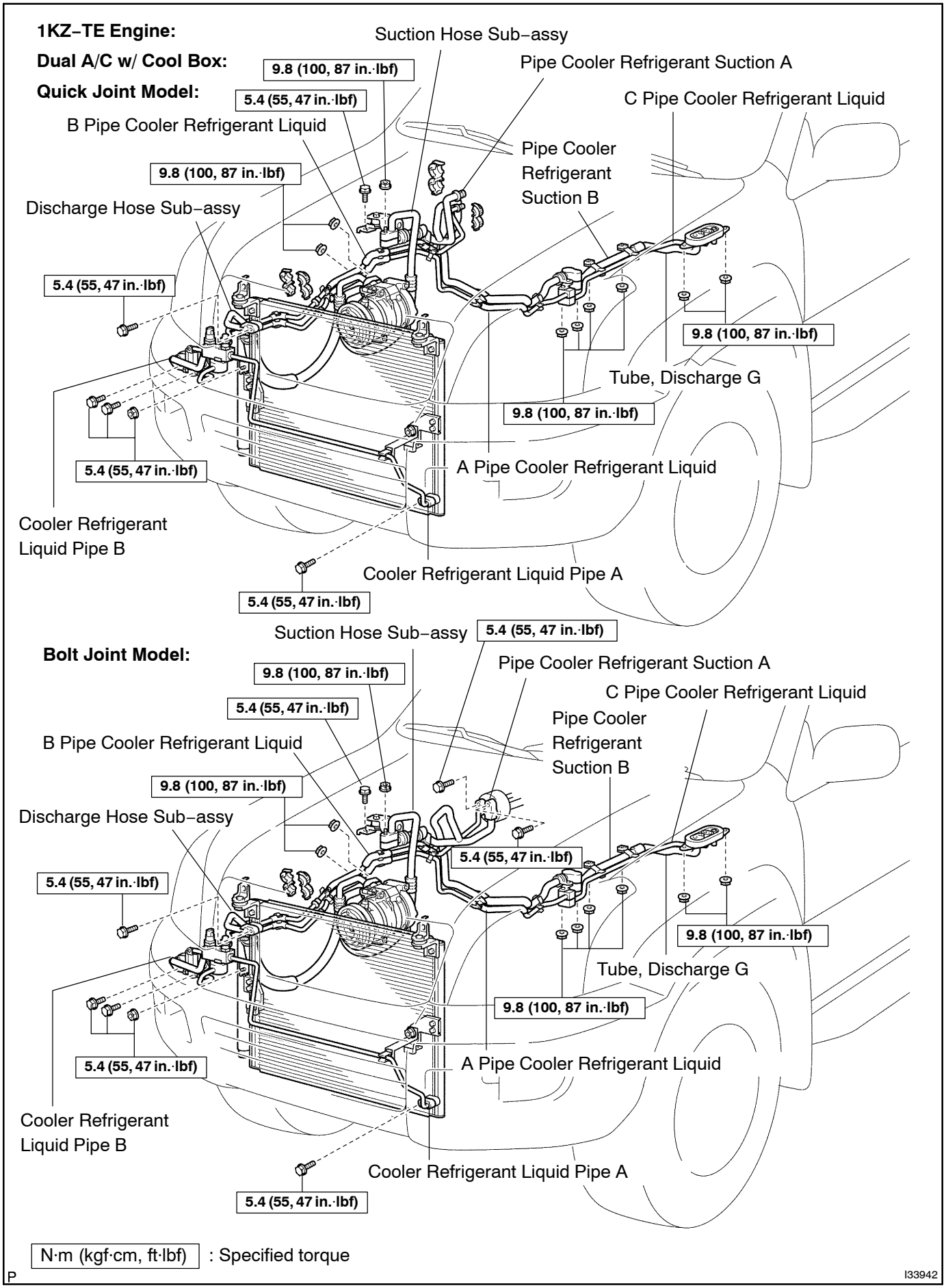
I33937

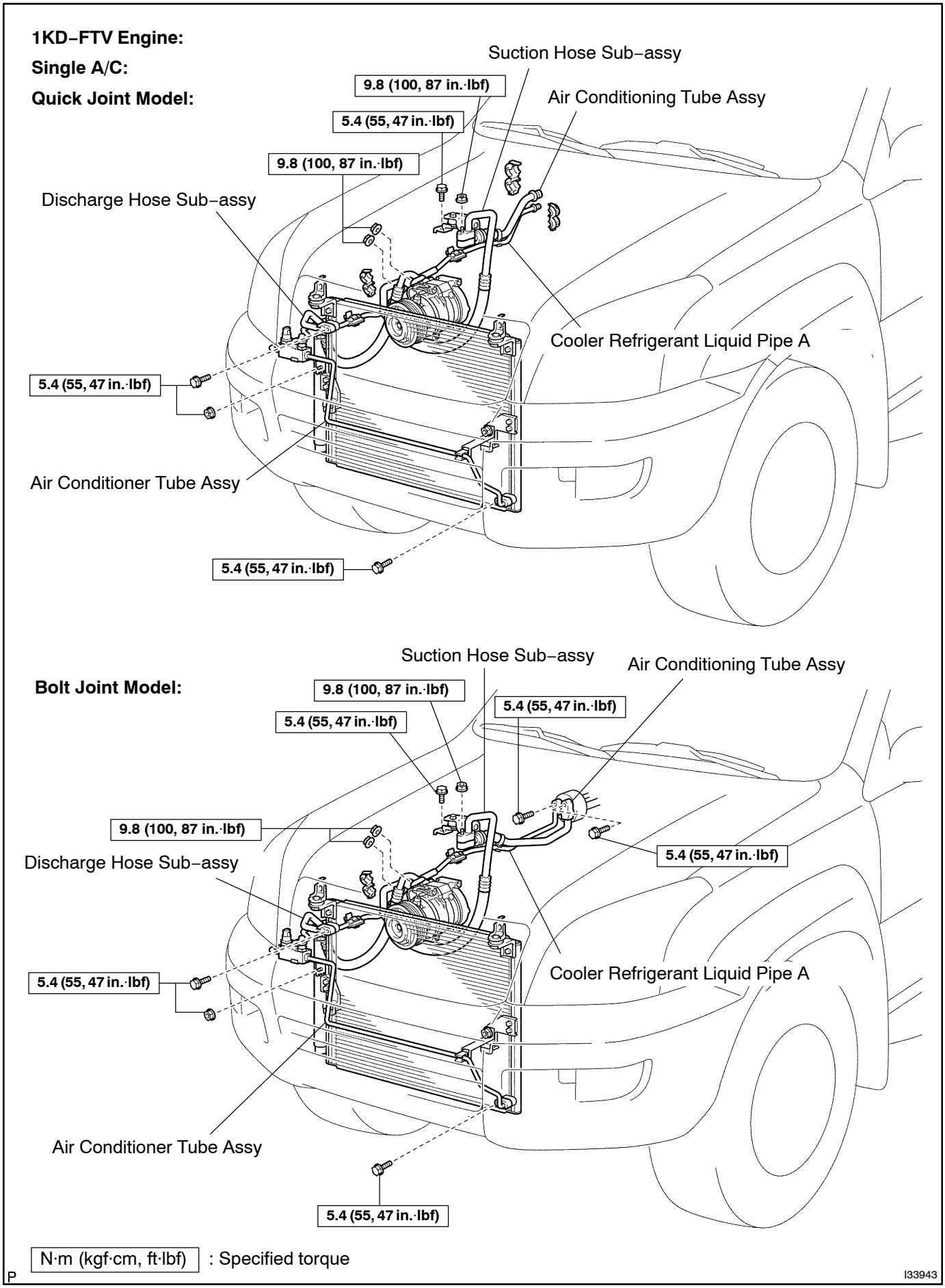

5L–E Engine:
Dual A/C:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
Pipe Cooler Refrigerant Suction A
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33938

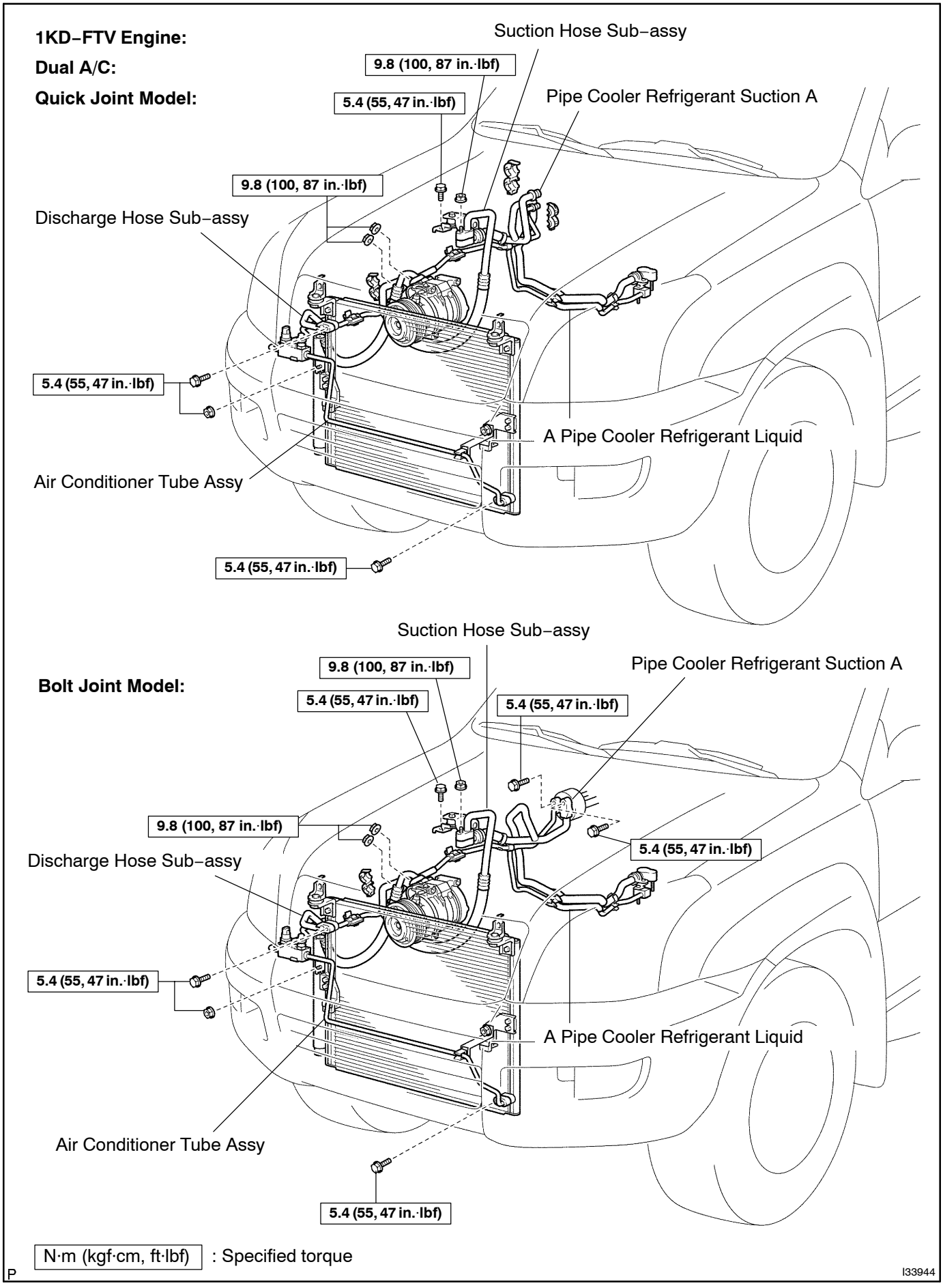

1KZ–TE Engine:
Single A/C:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
Air Conditioning Tube Assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
Air Conditioning Tube Assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33939


1KZ–TE Engine:
Single A/C w/ Cool Box:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction A
C Pipe Cooler Refrigerant Liquid
B Pipe Cooler Refrigerant Liquid
Pipe Cooler Refrigerant Suction B
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
Pipe Cooler Refrigerant Suction A
9.8 (100, 87 in.·lbf)
C Pipe Cooler Refrigerant Liquid
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction B
B Pipe Cooler Refrigerant Liquid
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33940

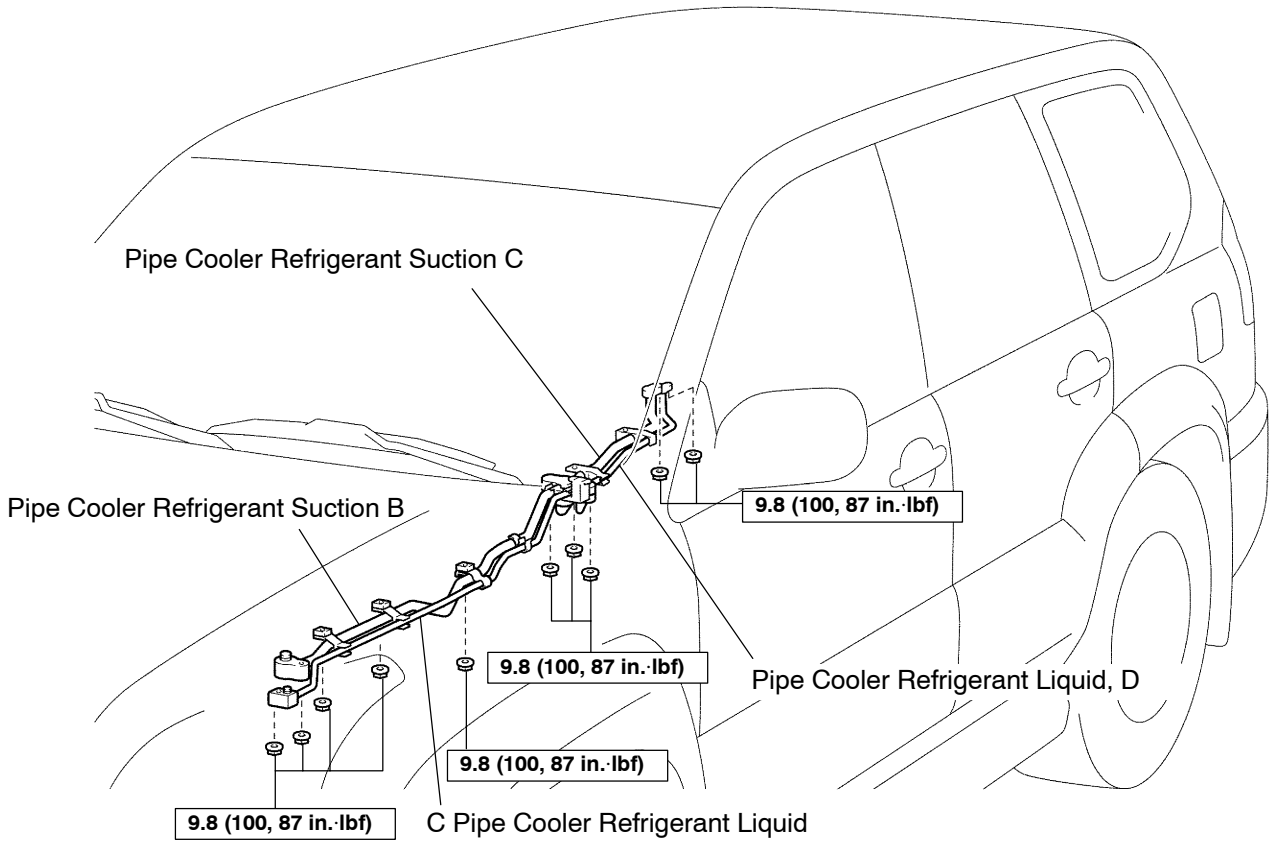

1KZ–TE Engine:
Dual A/C:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction A
Cooler Refrigerant Liquid Pipe A
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Cooler Refrigerant Liquid Pipe B
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33941


1KZ–TE Engine:
Dual A/C w/ Cool Box:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
5.4 (55, 47 in.·lbf)
C Pipe Cooler Refrigerant Liquid
B Pipe Cooler Refrigerant Liquid
Pipe Cooler Refrigerant Suction B
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
C Pipe Cooler Refrigerant Liquid
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction B
B Pipe Cooler Refrigerant Liquid
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Tube, Discharge G
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Cooler Refrigerant Liquid Pipe B
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33942

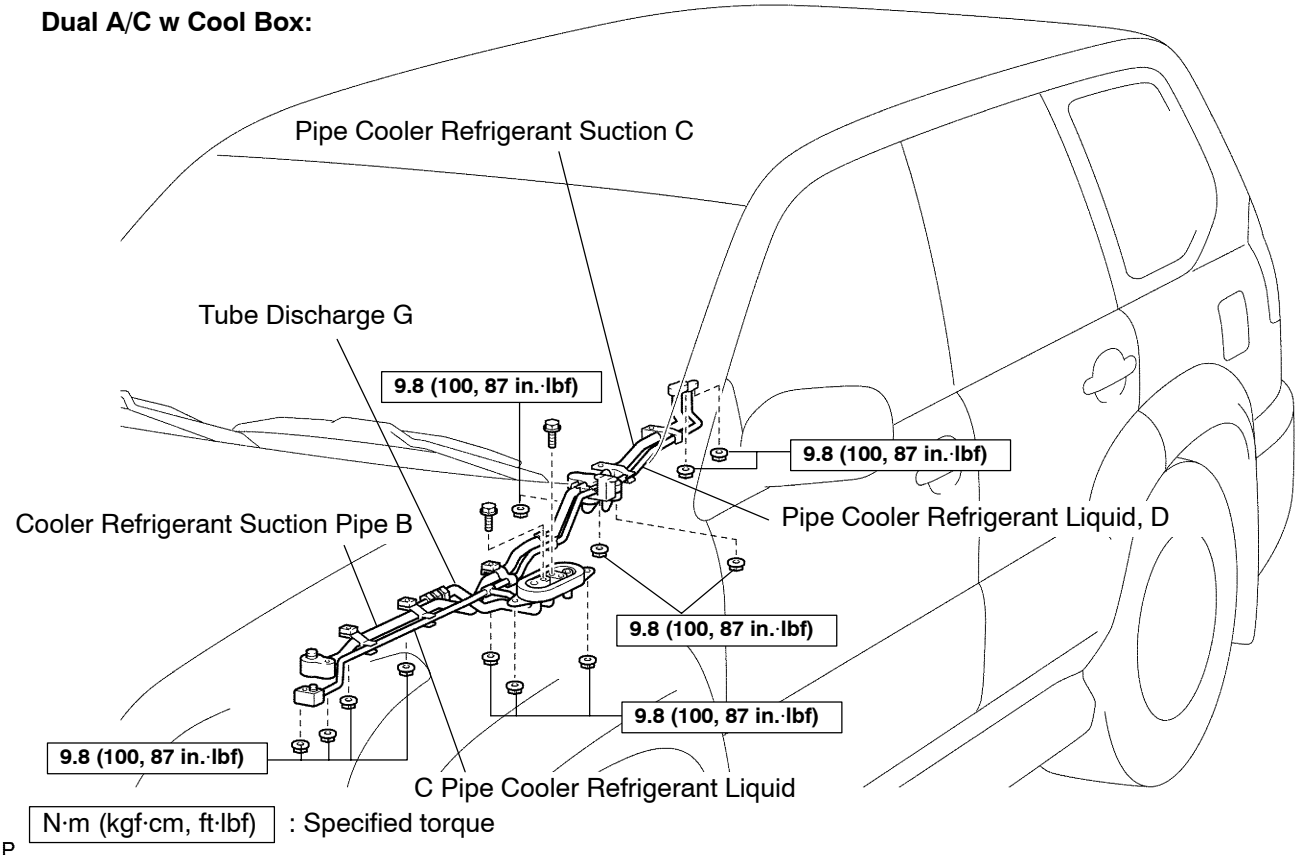

1KD–FTV Engine:
Single A/C:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
Air Conditioning Tube Assy
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
Air Conditioning Tube Assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
Cooler Refrigerant Liquid Pipe A
5.4 (55, 47 in.·lbf)
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33943


1KD–FTV Engine:
Dual A/C:
Quick Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Pipe Cooler Refrigerant Suction A
9.8 (100, 87 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
Bolt Joint Model:
Suction Hose Sub–assy
9.8 (100, 87 in.·lbf)
Pipe Cooler Refrigerant Suction A
5.4 (55, 47 in.·lbf)
5.4 (55, 47 in.·lbf)
9.8 (100, 87 in.·lbf)
5.4 (55, 47 in.·lbf)
Discharge Hose Sub–assy
5.4 (55, 47 in.·lbf)
A Pipe Cooler Refrigerant Liquid
Air Conditioner Tube Assy
5.4 (55, 47 in.·lbf)
N·m (kgf·cm, ft·lbf) : Specified torque
P
I33944

Dual A/C w/o Cool Box:



Dual A/C w Cool Box:



N·m (kgf·cm, ft·lbf) : Specified torque

P

I33945