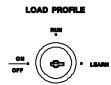


1.) Switch  
load profile  
key to [Learn]



2.) Move to  
nearest Soft  
Limit



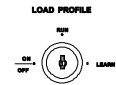
3.) Move to  
opposite Soft  
Limit



4.) Move to  
opposite Soft  
Limit (yes again)



5.) Switch load  
profile key to  
[Run]



Upper Soft Limit  
(USL)

Travel limit is recorded  
at move termination.  
Load sample distances  
are evenly distributed  
between this limit and  
the opposite soft limit.

Load Sample 1

Load Sample 7

Load Sample 2

Load Sample 6

Load Sample 3

Load Sample 5

Load Sample 4

Load Sample 4

Load Sample 5

Load Sample 3

Load Sample 6

Load Sample 2

Lower Soft Limit  
(LSL)

Load Sample 7

Load Sample 1

Note: Each of the three pipe  
moves cannot be interrupted.  
When movement is stopped  
the QuickTouch assumes you  
are ready for the next step.

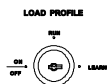
During the first move, no  
load samples are recorded.

During the second move,  
load samples are recorded  
in the direction of travel.

During the third move, load  
samples are recorded in the  
direction of travel. (opposite  
of previous travel)

At this point the learning  
profile process is complete.  
Turning the key to [Run],  
returns system to normal  
operation.

1.) Switch  
load profile  
key to [Learn]



2.) Move to  
nearest Soft  
Limit



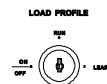
3.) Move to  
opposite Soft  
Limit



4.) Move to  
opposite Soft  
Limit (yes again)



5.) Switch load  
profile key to  
[Run]



Upper Soft Limit  
(USL)

Travel limit is recorded  
at move termination.  
Load sample distances  
are evenly distributed  
between this limit and  
the opposite soft limit.

Profile load in this  
area is equal to Load  
Sample 1

Load Sample 1

Load Sample 2

Load Sample 3

Load Sample 4

Load Sample 5  
(same as Load Sample 4)

Load Sample 6  
(same as Load Sample 4)

Load Sample 7  
(same as Load Sample 4)

Because the rig  
did not pass  
through these  
sample points,  
QuickTouch  
assumes these  
loads are the  
same as the last  
recorded load.

Because the rig  
did not pass  
through these  
sample points,  
QuickTouch  
assumes these  
loads are the  
same as the last  
recorded load.

Load Sample 7

Load Sample 6

Load Sample 5

Load Sample 4

Load Sample 3

Load Sample 2

Load Sample 1

Profile load in this  
area is equal to Load  
Sample 1

Lower Soft Limit  
(LSL)

Note: This drawing illustrates  
what happens when a full  
range of movement is not  
completed during profiling

During the first move, no  
load samples are recorded.

During the second move,  
load samples are recorded  
in the direction of travel.

During the third move, load  
samples are recorded in the  
direction of travel. (opposite  
of previous travel)

At this point the learning  
profile process is complete.  
Turning the key to [Run],  
returns system to normal  
operation.